Yahoo Group Archive:
FT897 (2010)

Yahoo Group summary: Discussion of the FT-897 & FT-897D

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-01-01 through 2010-12-31

Source WARC: ft897.bQ0OmMT.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-04-10T17-21-32Z-639863

Messages included in this PDF: 3477

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

28699. Re: [FT897] power out

Yahoo group: FT897 (2010)
Date: 2010-01-01 01:31:47 UTC
From: Dave Nelson
Topic: 28699 Message: 28699

Gordon,
well in FM or CW and into a dummyload wattmeter you should get pretty close to 100W on HF or 6M my unit does (97 - 100W).

If you look back through recent postings over the last month or so there are plenty of comments on what you power meter will read with a SSB transmission and normal speech level I wont repeat them here.

As far as SWR Vs power out .... the power out doesnt change (except until the SWR gets too hi and the protection circuitry cuts in and reduces output to protect the finals) but prior to that point an increasing SWR will just mean
that more of the output is reflected back towards the transmitter rather than being radiated by the antenna.

Have a look at http://www.antennex.com/preview/vswr.htm

and http://highfields-arc.6te.net/beginner/swr.htm#what

remember that 3:1 is ~ 25% of power reflected (lost)

and my fav comments from the bottom of that last link .....

Quote .... Why don't I just use an ATU?

response..... Quote...In simple terms an ATU tunes capacitance and inductance so that the standing waves are, in effect, canceled out. An ATU does not improve
the performance of a mis-matched antenna, it only 'fools' the radio (or amplifier) into thinking a good match has been achieved. Remember, an SWR reading of 3:1 at the antenna is still 25% of your output power 'wasted' even
if an ATU shows the radio a 1:1 (perfect) match.

Personally I dont like antenna tuners for that reason !! They are sort of a necessary evil to get a system working but are still an inefficient way of doing
things.

Nothing beats an antenna cut for the freq required !! it will resonate and radiate
with the best efficiency possible.

Dave
VK2TDN

4. How much power should my 897D put out?
Posted by: "willgord" willgord@... willgord

Date: Wed Dec 30, 2009 4:52 pm ((PST))
I realize my rig will never put out the full listed 100 watts. but what would be a "normal" level of power given an SWR just a tad over 1.5. I am running barefoot, no amp. I am limited by having a screwdriver antenna inside my apartment with a counterpoise, cut quarter-wave for 20m hanging out the window.
Thanks and Happy New Year to all.
Gordon
K2GLW

28700. Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 02:56:49 UTC
From: cooneye2002
Topic: 28700 Message: 28700

I am new to PSK31 and would like to give it a shot. I have a Yaesu 897d and use a laptop with HDR. I have seen a couple of guys on ebay who offer a data cable for PSK31 operation. If I understand correctly, I plug cable into radio and the other 2 leads into the audio jacks on the front of my laptop. Together with the software and proper programing of radio, I should be set to go......right?
Thanks in advance for your help and advise.
Joe
KJ4CQC

28701. Re: How much power should my 897D put out?

Yahoo group: FT897 (2010)
Date: 2010-01-01 03:31:33 UTC
From: wa3pak
Topic: 28686 Message: 28701

Gordon,
I am a new owner of an FT897D, so I am likely not the best person to answer this, but in the limited time I have had mine, I have noticed on my wattmeter that the peaks on CW are approximately 100 watts. I am running a tuner to an attic mounted dipole antenna. Of course on SSB, it's approximately half that with peaks in the 50 watt range or a bit more on voice peaks. I am not sure if your antenna will have much effect on the output power, but I think it should be about the rated 100 watts as long as you have the power setting at 100.
GL,

73,
Brad
WA3PAK

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I realize my rig will never put out the full listed 100 watts. but what would be a "normal" level of power given an SWR just a tad over 1.5. I am running barefoot, no amp. I am limited by having a screwdriver antenna inside my apartment with a counterpoise, cut quarter-wave for 20m hanging out the window.
>
> Thanks and Happy New Year to all.
>
> Gordon
> K2GLW
>

28702. Re: [FT897] Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 03:57:37 UTC
From: Trixter aka Bret McDanel
Topic: 28700 Message: 28702

On Fri, 2010-01-01 at 02:56 +0000, cooneye2002 wrote:
>
> I am new to PSK31 and would like to give it a shot. I have a Yaesu
> 897d and use a laptop with HDR. I have seen a couple of guys on ebay
> who offer a data cable for PSK31 operation. If I understand correctly,
> I plug cable into radio and the other 2 leads into the audio jacks on
> the front of my laptop. Together with the software and proper
> programing of radio, I should be set to go......right?
> Thanks in advance for your help and advise.
> Joe
> KJ4CQC

More or less that is what I use. I made my own cable because I am cheap
like that. The data port is a ps/2 keyboard/mouse connector. In order
to ensure that you have all 8 wires its better to get a keyboard/mouse
extension cable and not just a keyboard or just mouse. If you cut that
you have what plugs into the data jack, then with 3 very common
components you can make the cable trivially.
http://www.0xdecafbad.com/?p=144 has plans to do it.

Now there are some devices that use optoisolators which can limit noise
and prevent high levels of power going into your system, this would be
on the serial port connection, and I have not noticed noise there, nor
have I had high voltage go back into a serial port. I have had noise
from on the ground pin of the sound card though, usually when my laptop
is plugged into wall power, but that is something that can be dealt
with :)

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28703. Re: [FT897] Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 05:34:30 UTC
From: Wolfgang Wittmann
Topic: 28700 Message: 28703

I am also ready to give PSK31 a shot. After discussing best hardware interface, I decided to buy a SignaLINK USB device which has its own internal soundcard what looks like being the preferred option by quite a number of people (judging from response received from this forum).
BTW, for a PSK31 starter, I found this video very informative
 http://www.youtube.com/watch?v=jQpBGh9RMEQ
Wolfgang VK2LKW

--- On Fri, 1/1/10, cooneye2002 <cooneye2002@...> wrote:

From: cooneye2002 <cooneye2002@...>
Subject: [FT897] Help with PSK31
To: FT897@yahoogroups.com
Received: Friday, 1 January, 2010, 2:56 AM

I am new to PSK31 and would like to give it a shot. I have a Yaesu 897d and use a laptop with HDR. I have seen a couple of guys on ebay who offer a data cable for PSK31 operation. If I understand correctly, I plug cable into radio and the other 2 leads into the audio jacks on the front of my laptop. Together with the software and proper programing of radio, I should be set to go......right?
Thanks in advance for your help and advise.
Joe
KJ4CQC

_____
See what's on at the movies in your area. Find out now:
http://au.movies.yahoo.com/session-times/

[Non-text portions of this message have been removed]

28704. Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 07:49:22 UTC
From: jcglt
Topic: 28700 Message: 28704

I use my FT897D with a SignaLink USB on digital modes (mainly PSK31, PSKMAIL and WINMOR) and I am very satisfied. The SignaLink is cheap (around $100) and easy to set up (one USB cable to the computer, one specific cable provided by the builder to the transceiver and a few jumpers to set inside the box). It works very well with great stability, nice and clean signals.
73's
JC
FK8IH

28705. MFJ-993B & HRD

Yahoo group: FT897 (2010)
Date: 2010-01-01 09:59:48 UTC
From: Risk
Topic: 28705 Message: 28705

Hi guys,

After some pain staking fault finding with the MFJ-949E. I discovered the issue with the Tuner. Which a couple of people here managed to help me out with. Also I located the source of the beeping I had, which is also attributable to the MFJ-949E.

Okay so I am about to return the 949 to the shop where I got it. The owner has agreed to take it, and let me upgrade if I want as he has no others in stock.

Fair enough. Now having a Signalink USB and a Cat Cable to the Computer so I can operate the radio via HRD, I am now wondering what to do if I get an MFJ-993B and its associated Yaesu Cable.

Is there some way I am going to be able to still utilise the radio, the tuner, and the computer all at once, or am I going to need to get some kind of interface and keeping in mind picking up a linear is not too far away either, so I am going to need to take careful consideration of this upgrade if I choose to do it.

Cheers and I hope you have all had a good New Years turnover.

Jason
VK2WAR

28706. Re: [FT897] Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 10:56:16 UTC
From: Maarten van Damme
Topic: 28700 Message: 28706

I use Microham's USB Interface III (nr 3). Expensive but well built, isolated and just working straight out of the box.

It has a built in soundcard. This is important as it leaves your standard soundcard (in your laptop) alone. Also I assume that the built in soundcard is optimized for DIG ham signals.

It has a good USB connection. No serial port to USB type of cables necessary.

Software is okay. Working with HRD and the interface is a snap! The maker of HRD recommended it when I asked about it on the HRD forum.

Regards
Maarten
PD4M

[Non-text portions of this message have been removed]

28707. Diving into PSK

Yahoo group: FT897 (2010)
Date: 2010-01-01 14:07:49 UTC
From: willgord
Topic: 28707 Message: 28707

I am usually the one asking questions in this group so it gives me pleasure to be able to offer some advice.

I have been active in PSK31 for about two months and enjoy it immensely.
Am working toward WAS and I landed Montana via PSK after having been unable to connect via phone.

I use Digipan as my software (free download) and SignaLink USB as my sound card. SignaLink was recommended highly before I took the plunge. The book "Nifty E-Z Guide to PSK31 Operations" (available thorugh ARRL) had nothing but good things to say about SignaLink. I ordered it directly from the manufacturer and have not ahd a moment's regret.

The unit is compact and looks extremely well made. It came with the cables necessary to connect to the 897D and to my HP laptop computer. Total price for the whole package, including cables, was $100.

Installation requires you to fix five wire jumpers in place. It is best to use small needle-nose pliers. Attaching the five jumpers took about five minutes. After that, it is a matter of programming the unit. I have Windows Vista and that requires some special programming, but all is explained in the manual.

I set the power for the 897 at 15 watts and use the knobs on the SignaLink to regulate the output. The aim is to keep power just below the level where the ALC kicks in.

Have worked 15 countries and as many states--all at 15 or 20 watts. One thing about PSK31 is that it seems to attract older hams. One reason is that older ears have trouble picking voices out of the noise. Another is that the typing that is central to PSK helps keep older fingers nimble.

To sum up, more than satisfied with SignaLink--the product and the customer service.

Gordon
K2GLW

28708. Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-01 14:38:11 UTC
From: michaelterwin
Topic: 28700 Message: 28708

Hi Joe,

Being rather new to radio again, (initially got my novice ticket in like 82), just got back into the hobby. (btw, 16-Dec-09)

PSK31 is super exciting for me and the cable is easy to build. So this is a super simple easy little project.

I used a new PS2 keyboard extension cable from Office Depot. Make sure you put at least a 20dB pad on the audio out from pin 5 to ground pin 2. This will go into your mic input. Otherwise the audio out (Data Out 1200) is at 100mv peak.

I built mine with a little break out case with a project board from Radio Shack. I will be attempting some other additional items with it later.

Here is the link that inspired me to build it myself...
http://www.w3yy.com/FT897D-PSK.htm

Then I set the digital vox to 35, (Menu Item 40, page 58 of the 897D manual). At which point I fired up FLdigi running native on Macbook OS X 10.6

Tuned in to 20m 14.070 (always someone on PSK31 there) just to verify I was receiving fine, and it was. Then went up back up to 10m 28.120 for send testing... works like a charm. Now if 10m would just open up.

Can't wait to get my General ticket now to work PSK31 on 20m and lower... going to take the test on 9-Jan.

And as of last night I have FLdigi reporting via http://pskreporter.info/

I really like this mode.

-Mike
KD8MRU

--- In FT897@yahoogroups.com, "cooneye2002" <cooneye2002@...> wrote:
>
> I am new to PSK31 and would like to give it a shot. I have a Yaesu 897d and use a laptop with HDR. I have seen a couple of guys on ebay who offer a data cable for PSK31 operation. If I understand correctly, I plug cable into radio and the other 2 leads into the audio jacks on the front of my laptop. Together with the software and proper programing of radio, I should be set to go......right?
> Thanks in advance for your help and advise.
> Joe
> KJ4CQC
>

28709. Re: Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2010)
Date: 2010-01-01 00:28:08 UTC
From: Blaine
Topic: 28646 Message: 28709

Thanks for all of the responses to my questions! I located information on the Yaesu FNB-78 battery packs, and found they are charged at 1.4 amps. So here is what I ended up ordering to solar charge my radio and the A123 auxiliary batteries:

(2) GSE Global P3-30W flex panels from affordable-solar, $439 ea
http://www.affordable-solar.com/GSE.P330W.12V.Flex.PV.Panel.Black.htm

(2) A123 4S2P Battery Pack from Buddipole, $165 ea
http://www.buddipole.com/4sa1bapa1.html

P3-30 Specs:
Nominal rated voltage: 18.8V
System voltage: 12V
Nominal rated current: 1.5A
Weight: 33 ounces
Dimensions, folded: 10.5 x 8.5 x 1.2
Dimensions, unfolded: 44.5 x 21.5 x 0.1
Warranty: 1 year
Built to MIL-SPEC 810 standards

4S2P Specs:
The 4S2P battery pack has a nominal voltage of 13.2 volts and a total capacity of 4.6 Ah. All Buddipole battery packs come with an internal self-resetting polyswitch (to prevent short-circuits) and installed Anderson Powerpole connectors. A double layer of heavy-duty heatshrink is applied to provide maximum protection for outdoor use.

Nominal Voltage
13.2 V
Capacity
4.6 Ah
Size
4.3" (110 mm) x 2.25" (57 mm) x 3" (77 mm)
Pack Weight
26 oz (737 grams)

28710. PSK and rf-output

Yahoo group: FT897 (2010)
Date: 2010-01-01 10:50:57 UTC
From: cergender
Topic: 28710 Message: 28710

Happy New Year to all!

When using SignaLink USB to transmit PSK modes, the instruction tells to use the full radio rf-power which
you can reduce to recommended 20 - 30 watts via pc sound volume controls or SL TX-control.

What is happening? Is the radio output itself really
going down then or is the radio itself struggling still with the full power which is only suppressed by SL?
And the radio going screaming hot?

If the radio is running all the transmitting time with full power, that cannot be very healthy on the long run.

Who can tell how it is.

Ben

28711. What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-01 14:15:43 UTC
From: Blaine
Topic: 28711 Message: 28711

Happy New Year everyone!

I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower" for our television antenna on the ranch. I think he found the plans in Popular Mechanics, and the tower is balanced and pivots about 20 feet up so that you can bring the top to ground level to work on the antenna (but it's kind of a scary process). Interestingly enough, we discovered years later you could get the same television stations leaning an antenna against the barbed wire fence next to the tower.

My question is this: Can I use this tower as an antenna or antenna base for my FT-897D? It's about 100 yards from the ranch house where the radio will be located. Guy wires (total of four, two heights, opposing) are galvanized steel coming off the tower at about 45 degree angles, and connected with turnbuckles to steel rods buried in the ground with concrete around them.

If this is just a pipe dream, let me know. But if this thing is actually useful, I'd really like to hear your ideas about making the most of this point on the aeronautical maps. Detailed descriptions of how I might use it and the materials I'd need would be really helpful.

And if I can use the barbed wire fence, I'd like to get your feedback on that too. Lord knows, there are a lot of them around here!
-Blaine

28712. Re: [FT897] Re: Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2010)
Date: 2010-01-01 18:13:35 UTC
From: Mike Bryce
Topic: 28646 Message: 28712

I'm not about to kick around new battery technology, and the Li/ion batteries are really good.

but keep a few things in mind.

one, they normally require a specialized charger to keep them from going up in flames.

If you fly or know anyone that flies r/c planes, you can't take the batteries into a indoor arena unless they are in a flameproof container.

the cells need to be balanced with a special circuit.

Most solar charge controller won't work with this chemistry

and $165 for a 4.5 amp/hr battery is a bit too rich for my blood.

A 7.5 amp/hr lead acid is about $20 new, can be charged by just about any solar charger controller out there.

Other than the fact they pack a lot of bang into a small size, and if that size/weight is a primary concern, I'd save $140 and get a different battery.

Everyone have great new year!

Mike, WB8VGE
SunLight Energy Systems
The Heathkit Shop
http://www.theheathkitshop.com/
J e e p
o|||||||o

A man with one clock knows what time it is. A man with two clocks is never sure.

[Non-text portions of this message have been removed]

28713. PLL unit repair experience?

Yahoo group: FT897 (2010)
Date: 2010-01-01 19:29:33 UTC
From: Geert Jan de Groot
Topic: 28713 Message: 28713

I wonder if others can share their experience repairing the PLL unit of
the 897?

I bought a known-broken 897, and have repaired a few problems, but I'm
a bit stuck with the PLL board. The display flashes and UL is low,
indicating an unlock condition.

The PLL unit exists of an AD9850 DDS, which feeds (according to the docs),
7.2 - 8 Mhz reference signal to the FQ7925 (old radios, like mine),
or ADF4116 PLL which locks the 5 VCO's in the PLL module.
I checked TP2003 (22.625 MHz reference signal, OK), and TP2001 (DDS out - no
signal whatsoever). Hence, the PLL chip doesn't get a reference signal
and this clearly explains the unlock condition.

The AD9850 gets clock, I see control data being clocked in
(FD, FCLK, FSTB) and power voltages are OK but there is no output
on the DDS - neither on TP2003, nor on pin 20, the complement output.

QUESTION: does anybody know how to debug an AD9850 DDS? If it gets power,
clock, and programming, shouldn't it do *something*?

Now, for the bad news: the PLL module is double-sided and the components
of interest are on the bottom. This means you need to un-solder J2001
and J2002 which took me the better part of an evening.
Be very careful not to destroy the vias - the PLL board is a multilayer,
there are unsoldered tabs from the metal screening under the board
(keeping the height of the board up) and of course the PLL board
is soldered to the metal box.
Only recourse is to unsolder the PCB from the metal box, unsoldering
J2001/J2002 and carefully lifting it. This is very difficult.

It's not easy to obtain the DDS chip - even Farnell doesn't have it
on stock and the minimal order and lead time are excessive.

The other (sideband) DDS is working fine.

Oh, has anybody figured out the frequency plan of the whole PLL module?
22.625 reference clock into the DDS, 7.2-8 MHz reference to the main PLL,
and is the main PLL just a multiplicator / filter?

73,

Geert Jan PE1HZG

28714. Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-01 19:00:43 UTC
From: Gordon G8WWD
Topic: 28711 Message: 28714

Well, there are plenty of broadcast antennas that use a vertical mast, which sits on top of an insulator at ground level.

--- In FT897@yahoogroups.com, "Blaine" <igoguy@...> wrote:
>
> Happy New Year everyone!
>
> I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower" for our television antenna on the ranch. I think he found the plans in Popular Mechanics, and the tower is balanced and pivots about 20 feet up so that you can bring the top to ground level to work on the antenna (but it's kind of a scary process). Interestingly enough, we discovered years later you could get the same television stations leaning an antenna against the barbed wire fence next to the tower.
>
> My question is this: Can I use this tower as an antenna or antenna base for my FT-897D? It's about 100 yards from the ranch house where the radio will be located. Guy wires (total of four, two heights, opposing) are galvanized steel coming off the tower at about 45 degree angles, and connected with turnbuckles to steel rods buried in the ground with concrete around them.
>
> If this is just a pipe dream, let me know. But if this thing is actually useful, I'd really like to hear your ideas about making the most of this point on the aeronautical maps. Detailed descriptions of how I might use it and the materials I'd need would be really helpful.
>
> And if I can use the barbed wire fence, I'd like to get your feedback on that too. Lord knows, there are a lot of them around here!
> -Blaine
>

28715. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 01:15:48 UTC
From: Stephen Tharp
Topic: 28711 Message: 28715

Sounds like it would support a 2-meter or even a 6-meter (small) yagi. Or you could hang a windom or other doublet antenna with the mast as the center point.

I wouldn't even consider any kind of HF beam (LOL).

Steve W1JOY

Home: 908 722-2643 Cell: 201 424-7907

--- On Fri, 1/1/10, Gordon G8WWD <g8wwd@...> wrote:

From: Gordon G8WWD <g8wwd@...>
Subject: [FT897] Re: What can I do with an 80 foot TV tower?
To: FT897@yahoogroups.com
Date: Friday, January 1, 2010, 2:00 PM

Well, there are plenty of broadcast antennas that use a vertical mast, which sits on top of an insulator at ground level.

--- In FT897@yahoogroups. com, "Blaine" <igoguy@...> wrote:
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>
> I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower" for our television antenna on the ranch. I think he found the plans in Popular Mechanics, and the tower is balanced and pivots about 20 feet up so that you can bring the top to ground level to work on the antenna (but it's kind of a scary process). Interestingly enough, we discovered years later you could get the same television stations leaning an antenna against the barbed wire fence next to the tower.
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>
> And if I can use the barbed wire fence, I'd like to get your feedback on that too. Lord knows, there are a lot of them around here!
> -Blaine
>

[Non-text portions of this message have been removed]

28716. Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 12:43:32 UTC
From: dyarnes1
Topic: 28711 Message: 28716

Offhand, I'd say you are very lucky to have a tower like that. The one problem I see is that it is so far from your house. 100 yards is a long run for coax--even the really good stuff. However, there are various ways to make it work. As an end support for a wire it would be good too. If you invest in some really good (low loss) coax, you can probably do fairly well with that tower as a center support. I suppose you could use balanced line and really minimize the losses. Anyway, I'm sure you will find a good way to use it.

Dave W7AQK

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>
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> -Blaine
>

28717. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 13:18:58 UTC
From: Peter Grant
Topic: 28711 Message: 28717

Hello Blaine, and a Happy New Year to all.

As mentioned in previous post, you cannot use the
mast itself, as an antenna, without an insulator at the base !

You can certainly use the mast to support the top end of a *sloper* wire antenna.

There are lots of examples of *long wire* slopers, even ones with *traps* for the various bands,,, fed from your shack, at the low end, and with an insulator at top and ground side, you can feed this with a short run of co-ax from the shack to the base of your *sloper*

If you ant to attach any beam to the top of the tower, you will need a rotator, at the top, and a long length of control cable, as well as the RF feeder.

As said before you will have massive losses with co-ax so twin feeder would be less loss, but to take it to the top of the tower at that distance, would require a non metallic guy rope to support the feeder at the diagonal,,, this will be a minimum of 330 feet. or along the ground and up th mast, would be just less than 400 feet. Not forgetting that if using twin feeder you would need to stand it off from the metal mast.

Look for examples of *sloper* antenna, in the ARRL Antenna book, or google * multiband sloper antenna* and see if anything might suit your location.

73 from Ireland

Peter EI4HX ei4hxperimental@...

> I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower"
> My question is this: " Can I use this tower as an antenna " ?

[Non-text portions of this message have been removed]

28718. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 13:55:07 UTC
From: Dennis Green
Topic: 28711 Message: 28718

I also have access to a large tower - 100 foot /30 metres - standing on the farm of my son-in-law. It was home to a TV antenna (before the arrival of the satellite dish) and two-way radio antennas.

I have a long wire set up at about 15 metres and it works well. Made use of a catapult to get the rope up to pull up the antenna.

One problem I have is fear of heights - maybe I should try climbing at night! And of course the Spiderman suit has shrunk - must be the washing powder.

Greetings

Dennis, ZS4BS

28719. RE: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 14:37:19 UTC
From: Eric van de Weyer
Topic: 28711 Message: 28719

Hi Peter,

Not strictly true. You can use it even if it is grounded at the base, so long as you have insulators in the guys. Just run your coax to the base and connect its shield to the base and then tap the centre conductor up the mast until you find a position which gives you a low SWR.

You would be amazed what you can make work with a bit of ingenuity! Just do some experimenting. It's fun.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Peter Grant
Sent: Sunday, 3 January 2010 00:19
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: What can I do with an 80 foot TV tower?

Hello Blaine, and a Happy New Year to all.

As mentioned in previous post, you cannot use the
mast itself, as an antenna, without an insulator at the base !

You can certainly use the mast to support the top end of a *sloper* wire antenna.

There are lots of examples of *long wire* slopers, even ones with *traps* for the various bands,,, fed from your shack, at the low end, and with an insulator at top and ground side, you can feed this with a short run of co-ax from the shack to the base of your *sloper*

If you ant to attach any beam to the top of the tower, you will need a rotator, at the top, and a long length of control cable, as well as the RF feeder.

As said before you will have massive losses with co-ax so twin feeder would be less loss, but to take it to the top of the tower at that distance, would require a non metallic guy rope to support the feeder at the diagonal,,, this will be a minimum of 330 feet. or along the ground and up th mast, would be just less than 400 feet. Not forgetting that if using twin feeder you would need to stand it off from the metal mast.

Look for examples of *sloper* antenna, in the ARRL Antenna book, or google * multiband sloper antenna* and see if anything might suit your location.

73 from Ireland

Peter EI4HX ei4hxperimental@...

> I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower"
> My question is this: " Can I use this tower as an antenna " ?

[Non-text portions of this message have been removed]

Yahoo! Groups Links

28720. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 16:17:13 UTC
From: jim hyde
Topic: 28711 Message: 28720

the tower is a real plus for you.. get something like a buxcom sloper folder diploe.. mount it close to the house and use dacron rope to attach it to the tower.. that way you can make a short run of good coax. buxcom has good info on how to do this.. its a no brainer and you get a cheap ALL hf band antenna with no tuner required. you can also use the tower for a nice uhf/vhf beam.. i would think long and hard before climbing it. my elmer had a tower fall with him on it.. dead is dead..

k5dhe

From: Dennis Green <zs4bs@...>
To: FT897@yahoogroups.com
Sent: Sat, January 2, 2010 7:55:07 AM
Subject: Re: [FT897] Re: What can I do with an 80 foot TV tower?

I also have access to a large tower - 100 foot /30 metres - standing on the farm of my son-in-law. It was home to a TV antenna (before the arrival of the satellite dish) and two-way radio antennas.

I have a long wire set up at about 15 metres and it works well. Made use of a catapult to get the rope up to pull up the antenna.

One problem I have is fear of heights - maybe I should try climbing at night! And of course the Spiderman suit has shrunk - must be the washing powder.

Greetings

Dennis, ZS4BS

[Non-text portions of this message have been removed]

28721. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 23:53:15 UTC
From: Peter Grant
Topic: 28711 Message: 28721

Hello Eric,

I am aware of tuning the mast using a gamma arrangement,,, but as our friend is new to antennas, I was looking mainly for the obstacles,,, the tower is 100 yards from his QTH.

I am recommending an inverted "I" antenna, fed at the shack end of the vertical, with a good ground system, and sloping up to the top of his mast. That worked well for me when I borrowed a fixing point on a nearby water tower,,, first inspection team cut the top of the wire which was put up at night, and was invisible in daylight. It was incredible for top band for a couple of weeks in 2002.

He could also try a delta loop fed on the lowest side,,, all that is needed is browsing for antenna designs,,, plenty of electrical wire, and ,,,, experiment !

Cheers _____ Peter EI4HX ei4hxperimental@...

----- Original Message -----
From: Eric van de Weyer
To: FT897@yahoogroups.com
Sent: Saturday, January 02, 2010 2:37 PM
Subject: RE: [FT897] Re: What can I do with an 80 foot TV tower?

Hi Peter,

Not strictly true. You can use it even if it is grounded at the base, so
long as you have insulators in the guys. Just run your coax to the base and
connect its shield to the base and then tap the centre conductor up the mast
until you find a position which gives you a low SWR.

You would be amazed what you can make work with a bit of ingenuity! Just do
some experimenting. It's fun.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Peter Grant
Sent: Sunday, 3 January 2010 00:19
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: What can I do with an 80 foot TV tower?

Hello Blaine, and a Happy New Year to all.

As mentioned in previous post, you cannot use the
mast itself, as an antenna, without an insulator at the base !

You can certainly use the mast to support the top end of a *sloper* wire
antenna.

There are lots of examples of *long wire* slopers, even ones with *traps* for the various bands,,, fed from your shack, at the low end, and with an insulator at top and ground side, you can feed this with a short run of co-ax from the shack to the base of your *sloper*

If you ant to attach any beam to the top of the tower, you will need a rotator, at the top, and a long length of control cable, as well as the RF feeder.

As said before you will have massive losses with co-ax so twin feeder would be less loss, but to take it to the top of the tower at that distance, would require a non metallic guy rope to support the feeder at the diagonal,,, this will be a minimum of 330 feet. or along the ground and up th mast, would be just less than 400 feet. Not forgetting that if using twin feeder you would need to stand it off from the metal mast.

Look for examples of *sloper* antenna, in the ARRL Antenna book, or google *multiband sloper antenna* and see if anything might suit your location.

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Peter EI4HX ei4hxperimental@...

> I'm new at this, so I have lots of questions. Years ago my dad built a guyed 80-foot steel pipe "tower"
> My question is this: " Can I use this tower as an antenna " ?

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28722. Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-03 04:07:51 UTC
From: RicardoH
Topic: 28700 Message: 28722

New ham here and I too want to get into PSK31, I have some questions about equipment I don't know where the most bang for the buck is. I originally was going to go with the Signal Link, then I read about the Microham USB Interface II. I have a buddy who went with the Kantronics 3

Which piece of equipment is the most flexable/robust?

Ric KJ6DOY

28723. Programmable Memory Scan (PMS) Operation

Yahoo group: FT897 (2010)
Date: 2010-01-03 09:29:15 UTC
From: wowi2010
Topic: 28723 Message: 28723

Operating manual says:

QUOTE
PMS setup is simple to accomplish: 1. Store the upper and lower limits of desired range into the PMS memory pair ("M-PxL" and :M-PxU")
2. Switch to the Memory mode by pressing the V/M Key once then rotate the Dial to select the Memory channel "M-PxL" or "M-PxU"
UNQUOTE

Where can I find "M-PxL" or "MPxU"? When I execute instruction 2 (see above), rotating the dial makes the frequency changing rather than giving he choice to select memory channel.

Tks+73
Wolfgang VK2LKW

28724. Re: [FT897] Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-03 11:04:51 UTC
From: Paul Harris
Topic: 28700 Message: 28724

I am using the Signalink USB with Digipan on PSK 31 works perfect with 897D. Also SSTV, Hellschreiber, NBTV, JT65, and WSPR. No problems at all.
Paul KB2VEC

Recent Activity:

New Members
25

New Files
1

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Start a New Topic

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Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use

.

[Non-text portions of this message have been removed]

28725. Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-03 12:54:35 UTC
From: willgord
Topic: 28700 Message: 28725

I have only been using PSK31 for a couple of months and the only interface I am familiar with is SignaLink USB. So far, it has done everything I wanted it to. Can't say which interface is the most robust or which provides the most bang for the buck. But I have yet to see any reason to require anything beyond SignaLink.

I made my choice based on the recommendation of N6FN, in his book "Nifty E-Z Guide to PSK31 Operation." Heard good things about the book and bought it through ARRL. He raved about the SignaLink USB and so I bought it.

The rig looks good--well-made and solid. Set-up is easy. Open the case with the provided hex wrench, set five jumper wires, and you are in business. Cost is $100 with the appropriate cables for the 897D. I had a few technical issues and called SignaLink tech support. You pay for the call but the support is free.

I guess every interface has its own group of fans. But I have had no reeason to rethink my choice of SignaLink.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
> New ham here and I too want to get into PSK31, I have some questions about equipment I don't know where the most bang for the buck is. I originally was going to go with the Signal Link, then I read about the Microham USB Interface II. I have a buddy who went with the Kantronics 3
>
> Which piece of equipment is the most flexable/robust?
>
> Ric KJ6DOY
>

28726. Programmable Memory Scan (PMS) Operation

Yahoo group: FT897 (2010)
Date: 2010-01-03 14:43:35 UTC
From: dogdavetika
Topic: 28723 Message: 28726

Make sure when you press the V/M button, you have gone into the memory channel mode by observing the upper left, you should see something like M-001 or some other number. Rotate the MEM/VFO CH knob and the memory channels should change, and eventually you should come to M-P1L then M-P1U then M-P2L and finally M-P2U.

Dave
N3DT

28727. Low tx power on 897d

Yahoo group: FT897 (2010)
Date: 2010-01-03 15:46:20 UTC
From: nightmare20_79
Topic: 28727 Message: 28727

Hey guys can anyone help? I got a ldg flt meter for Christmas and hooked it up last night and discovered that on 2 meter fm i'm only putting out around 35 watts have no idea how long this has been going on. Antenna and coax are good according to antenna analyzer so i took it to my dad's and hook it up to his antenna and ftl meter, he has same set up and it still shows low TX power. his radio when hooked up show the full 50 watts being transmitted. anyone have any ideas or suggestions?

73's KC9LJT

28728. Re: Low tx power on 897d

Yahoo group: FT897 (2010)
Date: 2010-01-03 16:31:58 UTC
From: Hank
Topic: 28727 Message: 28728

Check menu 75 to make sure your power out is set to 50 watts. That menu setting has to be set for each band.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "nightmare20_79" <bvlange@...> wrote:
>
> Hey guys can anyone help? I got a ldg flt meter for Christmas and hooked it up last night and discovered that on 2 meter fm i'm only putting out around 35 watts have no idea how long this has been going on. Antenna and coax are good according to antenna analyzer so i took it to my dad's and hook it up to his antenna and ftl meter, he has same set up and it still shows low TX power. his radio when hooked up show the full 50 watts being transmitted. anyone have any ideas or suggestions?
>
> 73's KC9LJT
>

28729. Re: [FT897] Programmable Memory Scan (PMS) Operation

Yahoo group: FT897 (2010)
Date: 2010-01-03 16:59:38 UTC
From: Finnigann
Topic: 28723 Message: 28729

On Sun, 03 Jan 2010 04:29:15 -0500, wowi2010 <wowi2010@...> wrote:

>
> Operating manual says:

> QUOTEPMS setup is simple to accomplish: 1. Store the upper and lower
> limits of desired range into the PMS memory pair ("M-PxL" and :M-PxU")
> 2. Switch to the Memory mode by pressing the V/M Key once then rotate
> the Dial to select the Memory channel "M-PxL" or "M-PxU"
> UNQUOTE

> Where can I find "M-PxL" or "MPxU"? When I execute instruction 2 (see
> above), rotating the dial makes the frequency changing rather than
> giving he choice to select memory channel.

On my radio they are memory bank 'k' (my radio memory is devided into
banks) and they look like:

Mk (dot or dash) 1L USB

Mk (dot or dash) 1U USB

With the BIG text reading 6 Meter

Dot or dash being if it's being skipped or not. You can only have one pair
selected I presume it would be in the same band but that assumption is
untested by me.

With my programmers software, they are a tab, along the bottom.
>

> Tks+73
> Wolfgang VK2LKW
>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28730. FT 897 Menu #20 CAT/LIN/TUN

Yahoo group: FT897 (2010)
Date: 2010-01-03 17:08:10 UTC
From: w3paw3pa.net
Topic: 28730 Message: 28730

Hi,

I am having a problem changing Menu #20 on my FT 897.

It seems that I cannot exit the Tuner mode, I want to change over to the CAT mode.

I select Menu #20 and then turn the VFO dial but the no change.

Maybe I am missing something, or just been to long since I did this last.

Can anyone help out, what I am missing here?

de

W3PA

Olaf

[Non-text portions of this message have been removed]

28731. Re: [FT897] Re: Low tx power on 897d

Yahoo group: FT897 (2010)
Date: 2010-01-03 17:14:46 UTC
From: Geoff Blake
Topic: 28727 Message: 28731

On Sun, 3 Jan 2010, Hank wrote:

> Check menu 75 to make sure your power out is set to 50 watts. That menu
> setting has to be set for each band.

Also, use a known power meter to measure your output, something like a
Bird 43 or better.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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its attachments to any third party without the prior consent
of the sender.

28732. Programmable Memory Scan (PMS) Operation

Yahoo group: FT897 (2010)
Date: 2010-01-04 00:54:49 UTC
From: Wolfgang Wittmann
Topic: 28723 Message: 28732

Thanks for replies! I had not properly executed instruction no. 1 (Store...). I noticed now that those frequencies need to be stored following the usual way of pressing "MW" in Multi Function Row "MFb".

I finally succeeded to store lower and upper frequencies for scanning the follwoing way:

1. Tune to desired "lower limit" frequency using the MAIN DIAL
2. Press F key momentarily then rotate MEM/VFO CH knob until Multi Function Row "b" [MW,SKIP,TAG] appears on display
3. Press [A] (MW) key
4. Rotate the MEM/VFO CH knob as needed until "M-P1L" appears on upper left corner of dispaly.
5. Press [A] (MW) key

Repeat same for "upper limit" frequency and store it under "M-P1U"

Save further frequency ranges the same way unter "M-P2L" and "M-P2U" etc.

Please note, if "ON" is seleted under Menu Mode No.55 [MEM GROUP], memory channels will not be called M-P1L, M-P1U....but Mk-1L, Mk-1U...

73
Wolfgang VK2-LKW

Make sure when you press the V/M button, you have gone into the memory channel mode by observing the upper left, you should see something like M-001 or some other number. Rotate the MEM/VFO CH knob and the memory channels should change, and eventually you should come to M-P1L then M-P1U then M-P2L and finally M-P2U.
Dave
N3DT

Operating manual says:

QUOTE
PMS setup is simple to accomplish: 1. Store the upper and lower limits of desired range into the PMS memory pair ("M-PxL" and :M-PxU")
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UNQUOTE

Where can I find "M-PxL" or "MPxU"? When I execute instruction 2 (see above), rotating the dial makes the frequency changing rather than giving he choice to select memory channel.

Tks+73
Wolfgang VK2LKW

See what's on at the movies in your area. Find out now:
http://au.movies.yahoo.com/session-times/

[Non-text portions of this message have been removed]

28733. Re: [FT897] What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-03 09:21:07 UTC
From: Jerry Lefever
Topic: 28711 Message: 28733

Hi Blaine
As some others have said, you are very lucky to have a ready built mast, admittedly some way from your shack.
As a topbander and someone that has played around with long wires, I'd put up a topband fullwave end fed. Straight from your shack to the top of the tower and down the other side.
You'd need some fairly strong wire to keep it tight to the mast, but here in the UK, the surplus stores sell something called DOM10, a plastic covered stranded wire; a military wire that is very strong. Comes on drums half a mile long and sells for about 50 UKP! The military use it for everything; from antennas, washing lines and pulling landrovers out of ditches! Worth a try.

Regards
Jerry
EA8/G4CAZ

On Fri, Jan 1, 2010 at 2:15 PM, Blaine <igoguy@...> wrote:

>
>
> Happy New Year everyone!
>
> I'm new at this, so I have lots of questions. Years ago my dad built a
> guyed 80-foot steel pipe "tower" for our television antenna on the ranch. I
> think he found the plans in Popular Mechanics, and the tower is balanced and
> pivots about 20 feet up so that you can bring the top to ground level to
> work on the antenna (but it's kind of a scary process). Interestingly
> enough, we discovered years later you could get the same television stations
> leaning an antenna against the barbed wire fence next to the tower.
>
> My question is this: Can I use this tower as an antenna or antenna base for
> my FT-897D? It's about 100 yards from the ranch house where the radio will
> be located. Guy wires (total of four, two heights, opposing) are galvanized
> steel coming off the tower at about 45 degree angles, and connected with
> turnbuckles to steel rods buried in the ground with concrete around them.
>
> If this is just a pipe dream, let me know. But if this thing is actually
> useful, I'd really like to hear your ideas about making the most of this
> point on the aeronautical maps. Detailed descriptions of how I might use it
> and the materials I'd need would be really helpful.
>
> And if I can use the barbed wire fence, I'd like to get your feedback on
> that too. Lord knows, there are a lot of them around here!
> -Blaine
>

>
>

[Non-text portions of this message have been removed]

28734. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 14:16:29 UTC
From: Tom Chapman KC9FOZ
Topic: 28711 Message: 28734

Peter I would disagree with the comment "you cannot use the mast itself, as an antenna, without an insulator at the base!". You can shunt feed the mast without it being insulated from the ground. I have a friend with a 125' non insulated tower that is shunt fed and he uses it for 160M with no problems.

And If you are running on HF you will not have enough loss to worry about for the distance to tower. The feed point of my dipoles are over 150' from my house and they work great. I am feeding them with RG-11 and loss is minimal on HF.

Just throwing in my 2 cents here.

73's
Tom
KC9FOZ

From: "Peter Grant" <ei4hxperimental@...>
Sent: Saturday, January 02, 2010 7:18 AM
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] Re: What can I do with an 80 foot TV tower?

> Hello Blaine, and a Happy New Year to all.
>
> As mentioned in previous post, you cannot use the
> mast itself, as an antenna, without an insulator at the base !
>
> You can certainly use the mast to support the top end of a *sloper* wire
> antenna.
>
> There are lots of examples of *long wire* slopers, even ones with *traps*
> for the various bands,,, fed from your shack, at the low end, and with an
> insulator at top and ground side, you can feed this with a short run of
> co-ax from the shack to the base of your *sloper*
>
> If you ant to attach any beam to the top of the tower, you will need a
> rotator, at the top, and a long length of control cable, as well as the RF
> feeder.
>
> As said before you will have massive losses with co-ax so twin feeder
> would be less loss, but to take it to the top of the tower at that
> distance, would require a non metallic guy rope to support the feeder at
> the diagonal,,, this will be a minimum of 330 feet. or along the ground
> and up th mast, would be just less than 400 feet. Not forgetting that if
> using twin feeder you would need to stand it off from the metal mast.
>
> Look for examples of *sloper* antenna, in the ARRL Antenna book, or google

> * multiband sloper antenna* and see if anything might suit your location.
>
> 73 from Ireland
>
> Peter EI4HX ei4hxperimental@...
>
>
>> I'm new at this, so I have lots of questions. Years ago my dad built a
>> guyed 80-foot steel pipe "tower"
>> My question is this: " Can I use this tower as an antenna " ?
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

28735. Re: Help with PSK31

Yahoo group: FT897 (2010)
Date: 2010-01-03 10:46:47 UTC
From: michael.king@btinternet.com
Topic: 28700 Message: 28735

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
> New ham here and I too want to get into PSK31, I have some questions about equipment I don't know where the most bang for the buck is. I originally was going to go with the Signal Link, then I read about the Microham USB Interface II. I have a buddy who went with the Kantronics 3
>
> Which piece of equipment is the most flexable/robust?
>
> Ric KJ6DOY

Hi Ric,

I use the Buxcomm Rascal, it's cheap and works very well, it also comes with a choice of radio to interface cable I have 2 Rascals, one of which has been in use for contests, field days, demonstrations and daly use for 4 years and it still works perfectly.

Cheers,
Mike G8XDX
>

28736. Re: [FT897] Re: What can I do with an 80 foot TV tower?

Yahoo group: FT897 (2010)
Date: 2010-01-02 13:35:07 UTC
From: jsilberman
Topic: 28711 Message: 28736

Can build a small ham shack at the tower site.

John
KB4CRT

>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "Blaine" <igoguy@...> wrote:
> >
> > Happy New Year everyone!
> >
> > I'm new at this, so I have lots of questions. Years ago my dad built
> a guyed 80-foot steel pipe "tower" for our television antenna on the
> ranch. I think he found the plans in Popular Mechanics, and the tower
> is balanced and pivots about 20 feet up so that you can bring the top
> to ground level to work on the antenna (but it's kind of a scary
> process). Interestingly enough, we discovered years later you could
> get the same television stations leaning an antenna against the barbed
> wire fence next to the tower.
> >
> > My question is this: Can I use this tower as an antenna or antenna
> base for my FT-897D? It's about 100 yards from the ranch house where
> the radio will be located. Guy wires (total of four, two heights,
> opposing) are galvanized steel coming off the tower at about 45 degree
> angles, and connected with turnbuckles to steel rods buried in the
> ground with concrete around them.
> >
> > If this is just a pipe dream, let me know. But if this thing is
> actually useful, I'd really like to hear your ideas about making the
> most of this point on the aeronautical maps. Detailed descriptions of
> how I might use it and the materials I'd need would be really helpful.
> >
> > And if I can use the barbed wire fence, I'd like to get your
> feedback on that too. Lord knows, there are a lot of them around here!
> > -Blaine
> >
>
>
>

[Non-text portions of this message have been removed]

28737. MARS/CAP Mod

Yahoo group: FT897 (2010)
Date: 2010-01-02 16:18:55 UTC
From: nealgay
Topic: 28737 Message: 28737

Apologies for rehashing an old subject here, but I am confused. My radio came with only jumpers 1 and 2 enabled (not 6). I removed 1 and 2 and enabled 7,8,9, 6 in the proper order. Factory reset and nothing changed.

What am I missing here??

28738. Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-03 23:38:30 UTC
From: kc8fws
Topic: 28738 Message: 28738

Hi All,

Great group here. I sent my 897D back to Yeasu last week for service (was deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so, if you dont mind my asking, what was thier turn around time?

Thanks,
Mike
W8GMC

28739. Re: [FT897] MARS/CAP Mod

Yahoo group: FT897 (2010)
Date: 2010-01-04 03:30:48 UTC
From: Joe
Topic: 28737 Message: 28739

Is your radio an FT-897, FT-897D, or European? Different jumper settings...make sure you are opening the right jumpers for your radio.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "nealgay" <nealgay@...>
Subject: [FT897] MARS/CAP Mod

> Apologies for rehashing an old subject here, but I am confused. My radio
> came with only jumpers 1 and 2 enabled (not 6). I removed 1 and 2 and
> enabled 7,8,9, 6 in the proper order. Factory reset and nothing changed.

28740. Re: [FT897] Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-04 04:21:37 UTC
From: Lew Phelps K6LMP
Topic: 28738 Message: 28740

3 days.
On Jan 3, 2010, at 3:38 PM, kc8fws wrote:

> Hi All,
>
> Great group here. I sent my 897D back to Yeasu last week for service (was deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so, if you dont mind my asking, what was thier turn around time?
>
> Thanks,
> Mike
> W8GMC
>
>

[Non-text portions of this message have been removed]

28741. Re: FT 897 Menu #20 CAT/LIN/TUN

Yahoo group: FT897 (2010)
Date: 2010-01-04 12:33:31 UTC
From: iz0inx
Topic: 28730 Message: 28741

Hi Olaf,

check the menu #85: you need to set it to OFF, otherwise the CAT can't be set on the menu #20

cheers,
Filippo IZ0INX

--- In FT897@yahoogroups.com, "w3paw3pa.net" <w3pa@...> wrote:
>
> Hi,
>
>
> I am having a problem changing Menu #20 on my FT 897.
>
> It seems that I cannot exit the Tuner mode, I want to change over to the CAT
> mode.
>
> I select Menu #20 and then turn the VFO dial but the no change.
>
>
> Maybe I am missing something, or just been to long since I did this last.
>
>
> Can anyone help out, what I am missing here?
>
>
>
> de
>
> W3PA
>
> Olaf
>

28742. RE: [FT897] Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-04 05:05:15 UTC
From: Christopher Patton
Topic: 28738 Message: 28742

I know it isn't the same thing but I sent my VX-8 in for loss of Audio. I sent it in on Monday and had it back the following Tuesday. Call Stephanie at 714-827-7600 extension 1310. She will let you know how soon your radio will be back
Chris
W3CUM

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lew Phelps K6LMP
Sent: Sunday, January 03, 2010 11:22 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Yeasu repair turn around Time

3 days.
On Jan 3, 2010, at 3:38 PM, kc8fws wrote:

> Hi All,
>
> Great group here. I sent my 897D back to Yeasu last week for service (was deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so, if you dont mind my asking, what was thier turn around time?
>
> Thanks,
> Mike
> W8GMC
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

28743. RE: [FT897] Re: FT 897 Menu #20 CAT/LIN/TUN

Yahoo group: FT897 (2010)
Date: 2010-01-04 19:49:08 UTC
From: w3paw3pa.net
Topic: 28730 Message: 28743

Filippo,

Thanks that was it.

Now I just need to get the FT 897 and N1MM logger to talk to each other.

de

W3PA

Olaf

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of iz0inx
Sent: Monday, January 04, 2010 07:34
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT 897 Menu #20 CAT/LIN/TUN

Hi Olaf,

check the menu #85: you need to set it to OFF, otherwise the CAT can't be set on the menu #20

cheers,
Filippo IZ0INX

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "w3paw3pa.net" <w3pa@...> wrote:
>
> Hi,
>
>
> I am having a problem changing Menu #20 on my FT 897.
>
> It seems that I cannot exit the Tuner mode, I want to change over to the CAT
> mode.
>
> I select Menu #20 and then turn the VFO dial but the no change.
>
>
> Maybe I am missing something, or just been to long since I did this last.
>
>
> Can anyone help out, what I am missing here?
>
>

>
> de
>
> W3PA
>
> Olaf
>

[Non-text portions of this message have been removed]

28744. Re: Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-04 20:02:36 UTC
From: Ed
Topic: 28738 Message: 28744

Mike,
If you dont mind could you drop me a line when you get yours back and let me know what was wrong and what the repair bill was?
Mine has the same problem.
thanks,
Ed
KG5UN
I sent this earlier but it went from my wife's account.
If you dont mind please reply here.
thanks,
Ed

--- In FT897@yahoogroups.com, "kc8fws" <Michael_MSN@...> wrote:
>
> Hi All,
>
> Great group here. I sent my 897D back to Yeasu last week for service (was deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so, if you dont mind my asking, what was thier turn around time?
>
> Thanks,
> Mike
> W8GMC
>

28745. new member KF7GGB

Yahoo group: FT897 (2010)
Date: 2010-01-05 03:32:40 UTC
From: david
Topic: 28745 Message: 28745

Hi Guys,

My name is Dave and I live in Central Washington...I had been using a SWAN270B as my HF rig and brought home a new FT-897D as well as an FC-30 tuner today. I got home and did a google and found your group...
I look forward to learning the capabilites of this radio from this group.

KF7GGB Dave G.

28746. RE: [FT897] Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-04 17:35:09 UTC
From: Rusty Sargent
Topic: 28738 Message: 28746

Mike,

I sent my FT-60r to Yeasu last May due to no audio. I FedEx'ed it on Monday morning and had it back on Thursday. Really quick, but they're only 100 miles from me.

Rusty

KI6USZ

[Non-text portions of this message have been removed]

28747. Re: What interface / cable for PSK-31

Yahoo group: FT897 (2010)
Date: 2010-01-05 05:54:41 UTC
From: leyland384
Topic: 28666 Message: 28747

Count me in the MicroHam USBIII camp!

Depends on what you're looking for, and are willing to spend. I ran a homebrew setup with 1:1 transformers into the laptop, then I ran a Signalink, and now I have the USBIII.

I use the USBIII for Digital modes, but also Remote Base and as a Sysop "Link" station on Echolink (with minor cabling mods). It does it all, and does it well. Audio quality In and Out is very clean. The Signalink was good, but the USBIII beats it no contest. Better RF filtering/shielding for clean RX/TX audio for remote base, better built, more features.

If you can afford to spend a bit and want more versatility, USBIII is THE way to go. I was cheap for a long time, and sat on the fence for a while before buying even the Signalink. Most onboard computer soundcards are crap! LOL. At least get a Signalink :)

My 02 cents.

Adam
KB9VLR

28748. Re: [FT897] Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-05 11:35:45 UTC
From: DavidN
Topic: 28738 Message: 28748

I had a similar problem - the VHF/UHF port became deaf. The shop said that they were going to send it to Yaesu UK for repair, but as it was only three months old from new and it had had related problems during the three months (odd squelch, poor FM quality, lack of IF gain etc etc), I insisted on a replacement under the UK's Sales of Goods Act. They umm'd and arr'd but the shop did send me a replacement within a week. The new 897 is much livelier and exhibits none of the problems that the old one had.

I'm afraid that UK Ham shops seem to all have their own idea of the Sales of Goods Act, and once they have your money, that's it....

.d. G4TUP.

On Mon, Jan 4, 2010 at 5:35 PM, Rusty Sargent <ki6usz@...> wrote:

>
>
> Mike,
>
> I sent my FT-60r to Yeasu last May due to no audio. I FedEx'ed it on Monday
> morning and had it back on Thursday. Really quick, but they're only 100
> miles from me.
>
> Rusty
>
> KI6USZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28749. RE: [FT897] Re: Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-05 14:13:08 UTC
From: Michael Noble
Topic: 28738 Message: 28749

Hi Ed,

Ill be happy to, however, if you dont hear back from me in a couple weeks please send me a reminder to jog my memory. Is yours a D model? I have done a lot of research and have not found anyone complaining of the same problem. Mine was about 90% deaf on VHF possibly UHF but HF was fine, if my ProII coould hear it on HF then the 897 could albiet not as pleasantly. Is yours the same, meaning not totally deaf but close. I also asked them to properly realign the radio as i have heard many complaining that the factory initial alignments were horrible. Its too bad the warranty has expired.

Thanks,

Mike

W8GMC

73

To: FT897@yahoogroups.com
From: maikranze@...
Date: Mon, 4 Jan 2010 20:02:36 +0000
Subject: [FT897] Re: Yeasu repair turn around Time

Mike,
If you dont mind could you drop me a line when you get yours back and let me know what was wrong and what the repair bill was?
Mine has the same problem.
thanks,
Ed
KG5UN
I sent this earlier but it went from my wife's account.
If you dont mind please reply here.
thanks,
Ed

--- In FT897@yahoogroups.com, "kc8fws" <Michael_MSN@...> wrote:
>
> Hi All,
>
> Great group here. I sent my 897D back to Yeasu last week for service (was deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so, if you dont mind my asking, what was thier turn around time?
>
> Thanks,
> Mike
> W8GMC
>

[Non-text portions of this message have been removed]

28750. Data socket transmit, and PTT method weirdness?

Yahoo group: FT897 (2010)
Date: 2010-01-05 16:31:42 UTC
From: Damien Gardner Jnr
Topic: 28750 Message: 28750

Hey Folks,

So in getting my shack setup for PSK31, I finally got around to making a cable to go yaesu data port to two 3.5mm plugs to go into the soundcard on my laptop.. Since I'm running HRD with a USB->CAT adapter, I didn't bother with the serial->PTT circuit.
I then spent the next two days messing about trying to figure out why it wasn't working, until I struck on the fact that I *had* to select DIG for sideband use (and then select the U or L mode in the digital menu entry), and PKT for FM use, to have the audio at the data socket be transmitted. AND the mic had to be unplugged from the unit, or any noise coming in from the mic was also transmitted!

Bit weird, but ok, if that's what you have to do, i guess that's what you have to do..

I was just talking to a mate about doing a bulk order of OpenTrackers, as mine's just gone deaf on it's GPS port, and it occurred to me.. - When I plug my OT1x into the back of my 897, it 'just works'.. - aka I shove the radio into USB, tune it up to the appropriate freq (actually a little off the 30m APRS frequency, as the 300 baud programming in the OT1x never included the change in tones compared to 1200, so you have to off-tune to compensate..), and away it goes... (And for that matter, just shove it on FM on 2m, and away it goes)

So I'm wondering - is this a known difference between keying the transceiver up via CAT, and keying it up via the PTT pin on the data port? i.e. if you key up via CAT, you have to use PKT or DIG modes, and unplug your mic.. - but if you key up with the PTT pin on the data port, it just transmits whatever audio you are putting into the data port, in whatever mode is currently selected, and ignores the mic? Anyone else seen this? If so I guess I should take the extra effort and build the serial->ptt circuit? - but wanted to check before I went to the effort :)

Cheers,

DG

Damien Gardner Jnr
VK2TDG/VK2DGJ. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28751. Re: [FT897] Re: Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-05 16:37:54 UTC
From: Edward Maikranz
Topic: 28738 Message: 28751

That would be great thanks.
IMine is a D, bought used. I get the local NOAA station full scale, but one
30 miles away does not even move the meter, same with the local ATIS at the
airport, doesnt budge. I have yet to hear a single staion on 2 meters to
test but I can tell just from back roung noise that the RX is way down on 2.
Thanks,
Ed

On Tue, Jan 5, 2010 at 8:13 AM, Michael Noble <Michael_MSN@...> wrote:

>
> Hi Ed,
>
>
>
> Ill be happy to, however, if you dont hear back from me in a couple weeks
> please send me a reminder to jog my memory. Is yours a D model? I have done
> a lot of research and have not found anyone complaining of the same problem.
> Mine was about 90% deaf on VHF possibly UHF but HF was fine, if my ProII
> coould hear it on HF then the 897 could albiet not as pleasantly. Is yours
> the same, meaning not totally deaf but close. I also asked them to properly
> realign the radio as i have heard many complaining that the factory initial
> alignments were horrible. Its too bad the warranty has expired.
>
>
>
> Thanks,
>
> Mike
>
> W8GMC
>
> 73
>
>
>
>
>
> To: FT897@yahoogroups.com
> From: maikranze@...
> Date: Mon, 4 Jan 2010 20:02:36 +0000
> Subject: [FT897] Re: Yeasu repair turn around Time
>
>
>

>
>
> Mike,
> If you dont mind could you drop me a line when you get yours back and let
> me know what was wrong and what the repair bill was?
> Mine has the same problem.
> thanks,
> Ed
> KG5UN
> I sent this earlier but it went from my wife's account.
> If you dont mind please reply here.
> thanks,
> Ed
>
> --- In FT897@yahoogroups.com, "kc8fws" <Michael_MSN@...> wrote:
> >
> > Hi All,
> >
> > Great group here. I sent my 897D back to Yeasu last week for service (was
> deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so,
> if you dont mind my asking, what was thier turn around time?
> >
> > Thanks,
> > Mike
> > W8GMC
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

28752. Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-05 19:11:01 UTC
From: prybry
Topic: 28752 Message: 28752

I just picked up a used FT897 from HRO... looks to be one of the first production units made since the serial number is 2H010120

I think that means that it was built in June of 2002... they didn't go on sale in the US until Sept. of 2002 and the first units shipped about January of 2003.

Anybody got one older than mine?
Just curious...

28753. Re: Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-06 05:06:11 UTC
From: w4wb
Topic: 28752 Message: 28753

WOW! That is one of the oldest 897's in the world. Yes, the serial number indicates that it was built in June 2002 and is from Lot 01 and the 120th unit made. What is a bit odd is that normally the first lot is for Japan consumption and then the 2nd or 3rd show up in the USA. For example, the first lot of the FT-817s that came to the USA were Lot 03 and were made in August 2000. They arrived in the USA in November (there were 80 of them and I got one of them from HRO). I would suggest that you ask HRO if the updates to your radio were made, and if not I would send it to Yaesu for the updates.

Enjoy es 73 de Barry W4WB

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> I just picked up a used FT897 from HRO... looks to be one of the first production units made since the serial number is 2H010120
>
> I think that means that it was built in June of 2002... they didn't go on sale in the US until Sept. of 2002 and the first units shipped about January of 2003.
>
> Anybody got one older than mine?
> Just curious...
>

28754. Re: [FT897] Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-06 08:41:59 UTC
From: Carl Wulfestieg
Topic: 28752 Message: 28754

Almost but 7 months newer - 3C130333. 73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28755. Re: Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-07 00:55:00 UTC
From: faygopaygo
Topic: 28752 Message: 28755

Hi all,

Good question! I checked my 897 and got 2n090480 so I'm 6 months newer than you. So I guess you're still the OM of the 897 group ;-)

Happy Hamming in 2010

Randy
KG6WCA

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> I just picked up a used FT897 from HRO... looks to be one of the first production units made since the serial number is 2H010120
>
> I think that means that it was built in June of 2002... they didn't go on sale in the US until Sept. of 2002 and the first units shipped about January of 2003.
>
> Anybody got one older than mine?
> Just curious...
>

28756. Re: Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-07 01:04:14 UTC
From: faygopaygo
Topic: 28752 Message: 28756

Barry

I was just wondering what the updates you mentioned are. Would be very interested to know.

Happy hamming in 2010

Randy
KG6WCA

--- In FT897@yahoogroups.com, "w4wb" <w4wb@...> wrote:
>
> WOW! That is one of the oldest 897's in the world. Yes, the serial number indicates that it was built in June 2002 and is from Lot 01 and the 120th unit made. What is a bit odd is that normally the first lot is for Japan consumption and then the 2nd or 3rd show up in the USA. For example, the first lot of the FT-817s that came to the USA were Lot 03 and were made in August 2000. They arrived in the USA in November (there were 80 of them and I got one of them from HRO). I would suggest that you ask HRO if the updates to your radio were made, and if not I would send it to Yaesu for the updates.
>
> Enjoy es 73 de Barry W4WB
>
> --- In FT897@yahoogroups.com, "prybry" <bdallman@> wrote:
> >
> > I just picked up a used FT897 from HRO... looks to be one of the first production units made since the serial number is 2H010120
> >
> > I think that means that it was built in June of 2002... they didn't go on sale in the US until Sept. of 2002 and the first units shipped about January of 2003.
> >
> > Anybody got one older than mine?
> > Just curious...
> >
>

28757. Re: [FT897] Oldest FT897 on the site?

Yahoo group: FT897 (2010)
Date: 2010-01-07 04:54:37 UTC
From: jsilberman
Topic: 28752 Message: 28757

Who would have guessed. Same luck as the lottery. Close but no winner.
My original 897 S/N is ....
2H010126, only 6 units away. They were probably on the bench together.
The band plan in it is U.S. I've been using it on all my trips to the
islands for all these years and it has been performing wonderfully. I
have an original AT897 and FC-30 PS with it. I also take my original
FT-817 as backup just in case.

John
KB4CRT/VP2MRT

prybry wrote:
>
>
> I just picked up a used FT897 from HRO... looks to be one of the first
> production units made since the serial number is 2H010120
>
> I think that means that it was built in June of 2002... they didn't go
> on sale in the US until Sept. of 2002 and the first units shipped
> about January of 2003.
>
> Anybody got one older than mine?
> Just curious...
>
>

[Non-text portions of this message have been removed]

28758. FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 08:54:35 UTC
From: wa3pak
Topic: 28758 Message: 28758

For those of you that have the FP-30 AC supply on your FT-897, does this supply increase the height/thickness of the rig? I am looking at some carry cases for mine and would like to add the FP-30, but wondered if it changed the height/thickness of the rig. The carry case I already have would be ideal, but it it's much higher/taller than the rig without one, it may not fit. Thanks in adavance for any insights you can share.

73,
Brad
WA3PAK

28759. Re: [FT897] FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 11:53:40 UTC
From: Carl Wulfestieg
Topic: 28758 Message: 28759

Brad- Measurement shows it adds 1/2 inch in height.
HNY 73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28760. Re: [FT897] FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 15:35:15 UTC
From: Ron WW5G
Topic: 28758 Message: 28760

Yes by about 5/8 inches
wa3pak wrote:

> For those of you that have the FP-30 AC supply on your FT-897, does
> this supply increase the height/thickness of the rig? I am looking at
> some carry cases for mine and would like to add the FP-30, but
> wondered if it changed the height/thickness of the rig. The carry case
> I already have would be ideal, but it it's much higher/taller than the
> rig without one, it may not fit. Thanks in adavance for any insights
> you can share.
>
> 73,
> Brad
> WA3PAK
>
>

28761. Ongoing Newbie Saga

Yahoo group: FT897 (2010)
Date: 2010-01-07 15:46:50 UTC
From: RicardoH
Topic: 28761 Message: 28761

I have had my Tech license for almost 2 months now. I am trying to do PSK31 on my FT897. I am using a Signallink USB and the Yaesu CAT cable. I started with Digipan and am considering HRD. The radio keys but I see no waterfall and am unsure of how exactly to set up the radio.
Mode is packet.
VFOa mode not mem
Band is 145
Power 5W
radio defaults still in effect
any help would be appreciated

KJ6DOY Ric

28762. Re: [FT897] FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 16:35:23 UTC
From: Carl Wulfestieg
Topic: 28758 Message: 28762

Brad-
I have my FT-897, with FP-30B power supply installed, sitting right in front of me. MEASUREMENT, with a ruler, shows the increased height to be EXACTLY 1/2 inch (one-half inch). No more, no less. The feet on the power supply don't count because they are exactly like the feet on the original "flat" bottom.
When turning the power on, first turn on the power supply then turn on the FT-897. When turning the power off, first turn off the FT-897 then turn off the power supply. I don't know why but Yaesu says to do it that way. Good Luck.

73 Carl WZ4CW

[Non-text portions of this message have been removed]

28763. Re: [FT897] Ongoing Newbie Saga

Yahoo group: FT897 (2010)
Date: 2010-01-07 16:33:20 UTC
From: Ron WW5G
Topic: 28761 Message: 28763

Ric
Sometimes free software is worth what you pay for it.A lot of people get started with Digipan (I did) but if it is ever set up wrong it remembers and you will never get it to work right on that computer. Do yourself a favor and move on to HDR or one of the other programs.
Ron WW5G
RicardoH wrote:
>
> I have had my Tech license for almost 2 months now. I am trying to do
> PSK31 on my FT897. I am using a Signallink USB and the Yaesu CAT
> cable. I started with Digipan and am considering HRD. The radio keys
> but I see no waterfall and am unsure of how exactly to set up the radio.
> Mode is packet.
> VFOa mode not mem
> Band is 145
> Power 5W
> radio defaults still in effect
> any help would be appreciated
>
> KJ6DOY Ric
>
>

28764. Re: FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 20:08:46 UTC
From: fred
Topic: 28758 Message: 28764

--- In FT897@yahoogroups.com, "wa3pak" <bradburrell@...> wrote:
>
> For those of you that have the FP-30 AC supply on your FT-897, does this supply increase the height/thickness of the rig? I am looking at some carry cases for mine and would like to add the FP-30, but wondered if it changed the height/thickness of the rig. The carry case I already have would be ideal, but it it's much higher/taller than the rig without one, it may not fit. Thanks in adavance for any insights you can share.
>
> 73,
> Brad
> WA3PAK
>
Yes, the height dim. increases slightly as compared to the bat. cover which is flush with the bottom of the radio. I don't have my radio with me but I think its around 1/2" or 5/8".
Fred
k6kub

28765. NOISE BLANKER MODS FOR 897

Yahoo group: FT897 (2010)
Date: 2010-01-07 21:08:33 UTC
From: gary
Topic: 28765 Message: 28765

HI EVERYONE
ARE THEIR ANY NOISE BLANKER MODS ON THE 897?
MINE IS ABOUT 5-6 YEARS OLD
HAD AN FT 1000 99O PRO 2
THE 897 IS STILL ON THE DESK AS WITH MY DRAKE B LINE
GARY
N6BIZ

28766. Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-07 23:57:58 UTC
From: kb1syv
Topic: 28766 Message: 28766

Hello everyone,

Hi All,

I bought programming software from RT Systems and it came with a CT-62 cable with an USB end instead of a serial. I have an FT-897D and I connected it to my CAT out. I don't get any unknown driver error, everything loads normally. I'm using Vista on my laptop. When I bring up HRD 5.0 build 2321, I get this:

X Frequency =0
X Ft-897, COM 3, 38400, Failed to read frequency.
! Make sure your radio is not in memory mode
! If you are using a homebrew/non-standard cable, you may need to select RTS and/or DTR

I've tried all the above with different baud rates, auto detecting and such. RT Systems say's that it is a CT-62 cable, but with a USB instead of a serial end. Any suggestions would be helpful. Just a reminder, the USB was detected and drivers loaded without an issue.

I have a LDG AT-897 auto tuner and I'm using the CAT interface on the back of the tuner to connect my pc. I also noticed when I disconnect the autotuner and go to menu 20 to change value to CAT, it won't let me, it stays on tuner. Any help or suggestions would be really cool.

Thanks

73,

Jethro

28767. Re: [FT897] Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-08 00:53:45 UTC
From: Damien Gardner Jnr
Topic: 28766 Message: 28767

On 08/01/2010, at 10:57 AM, kb1syv wrote:
> I have a LDG AT-897 auto tuner and I'm using the CAT interface on
> the back of the tuner to connect my pc. I also noticed when I
> disconnect the autotuner and go to menu 20 to change value to CAT,
> it won't let me, it stays on tuner. Any help or suggestions would be
> really cool.

I have exactly that setup - if you're using the AT897, it *should* be
set to CAT, not tuner.. And should be set to 9600 for baud rate, as
that's the rate the AT-897 uses to talk to the radio..?

Cheers,

Damien

Damien Gardner Jnr
VK2TDG/VK2DGJ. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28768. Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-08 01:02:58 UTC
From: kb1syv
Topic: 28766 Message: 28768

One of my problems is that I can't seem to change that value. It's stuck on tuner right now. Any suggestions to "unstick it"?

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> On 08/01/2010, at 10:57 AM, kb1syv wrote:
> > I have a LDG AT-897 auto tuner and I'm using the CAT interface on
> > the back of the tuner to connect my pc. I also noticed when I
> > disconnect the autotuner and go to menu 20 to change value to CAT,
> > it won't let me, it stays on tuner. Any help or suggestions would be
> > really cool.
>
> I have exactly that setup - if you're using the AT897, it *should* be
> set to CAT, not tuner.. And should be set to 9600 for baud rate, as
> that's the rate the AT-897 uses to talk to the radio..?
>
> Cheers,
>
> Damien
>
> Damien Gardner Jnr
> VK2TDG/VK2DGJ. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
>
>
> [Non-text portions of this message have been removed]
>

28769. Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-08 01:45:59 UTC
From: kb1syv
Topic: 28766 Message: 28769

Well Damien, you solved my issue. Once I figured out how to do a master reset, menu 20 became unstuck and I changed the settings. I haven't been on the air yet, and this is how I got it from the previous owner. Some growing pains, but I'm getting there. Thanks again

Jethro

--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hello everyone,
>
> Hi All,
>
> I bought programming software from RT Systems and it came with a CT-62 cable
> with an USB end instead of a serial. I have an FT-897D and I connected it to my
> CAT out. I don't get any unknown driver error, everything loads normally. I'm
> using Vista on my laptop. When I bring up HRD 5.0 build 2321, I get this:
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> X Frequency =0
> X Ft-897, COM 3, 38400, Failed to read frequency.
> ! Make sure your radio is not in memory mode
> ! If you are using a homebrew/non-standard cable, you may need to select RTS
> and/or DTR
>
> I've tried all the above with different baud rates, auto detecting and such. RT
> Systems say's that it is a CT-62 cable, but with a USB instead of a serial end.
> Any suggestions would be helpful. Just a reminder, the USB was detected and
> drivers loaded without an issue.
>
> I have a LDG AT-897 auto tuner and I'm using the CAT interface on the back of the tuner to connect my pc. I also noticed when I disconnect the autotuner and go to menu 20 to change value to CAT, it won't let me, it stays on tuner. Any help or suggestions would be really cool.
>
> Thanks
>
> 73,
>
> Jethro
>

28770. A BIG thank you for all of your help

Yahoo group: FT897 (2010)
Date: 2010-01-08 04:38:31 UTC
From: wa3pak
Topic: 28770 Message: 28770

Instead of replying to each one who was gracious enough to assist me with my inquiry, I thought I'd post one general message.

I would like to thank:
Fred-K6KWB
Carl-WZ4CW
Ron-WW5G
John- W1000
** by the time I post this, there may be others who have responded as well.. my deepst thanks to you as well!

for their kindness in replying to my question on the height change by adding the FP-30 power supply to my FT-897D. I greatly appreciate your responses and insights. I was told that this was a friendly and helpful board and that I could expect to find people who would go the extra mile to answer questions. I indeed have found that to be so with your kind responses. Again, thank you! I will go forward with my carry case plans and power supply purchases with the right info to base my decisions on. You folks are the greatest!

73,
Brad
WA3PAK

28771. Re:Ongoing Newbie Saga

Yahoo group: FT897 (2010)
Date: 2010-01-08 11:41:24 UTC
From: Jon Perelstein
Topic: 28761 Message: 28771

You probably want to try (1) reading the instructions that came with the SignaLink, and (2) reading the instructions in the FT-897 manual. Since you say that you're using the Yaesu CAT cable, you clearly have not read the instructions that came with the SignaLink since the SignaLink specifically does NOT call for using the Yaesu's CAT cable. Since you have your radio set for packet, you clearly have not read the instructions in the FT-897 manual since for PSK it specifically calls for setting the radio to digital mode (DIG) and not packet mode.

1. You have to configure the SignaLink by setting the internal jumper wires. It means opening the case of the SignaLink (they give you a little Allen wrench for that and also give you a bunch of little wires). As they say in the SignaLink instructions, this needs to be done BEFORE connecting the SignaLink to your radio, or you may damage your radio.

2. The SignaLink attaches to the FT-897 through the cable supplied with the SignaLink. This cable has an RJ-45 connector on one end and a 6-pin, mini-DIN jack on the other end (I am assuming that you ordered the correct cable from SignaLink when you bought the SignaLink). The RJ-45 end of the cable is connected to the back of the SignaLink where it says "Radio" and the other end of the cable is connected to the DATA jack in the back of the FT-897 (NOTE: Not the CAT jack).

3. The SignaLink is attached to your computer through a USB port. That cable has a USB type B jack on one end (small and sort of squarish) and a USB type A jack on the other end (bigger but flatter). The B end connects into the SignaLink where it says "Computer" and the A end plugs into a USB port on your computer. Make sure that you have configured the SignaLink's jumpers BEFORE you connect up to the computer.

4. Unless you're running Windows 98, the SignaLink should be recognized by the computer and it should automatically install the driver software. If you're still running Windows 98, you should seriously be asking yourself if you're the kind of person who should be dealing with high tech objects like knives, forks, shoelaces, and indoor plumbing.

5. Configure Windows to play its "system" sounds through the computer's sound card (note: NOT the SignaLink). SignaLink gives good instructions on pg 3 of their user guide.

6. Configure your radio for the type of digital mode. As specified on page 37 of the FT-897 manual ("PSK Operation"), for PSK-31 you set the radio for digital (DIG). In addition, you set menu item 038 for PSK. Most people use PSK Upper Sideband (PSK-U), so try that setting.

7. Digipan is a perfectly wonderful piece of software that doesn't "remember" bad settings or anything ridiculous like that. Configuring it is

easy.

a. Set your personal data in Configure|Personal Data.

b. Set the Serial port to NONE (Configure|Serial Port)

c. Set the receive sound levels using the Waterfall control (Configure|Waterfall) in conjunction with the SignaLink's Transmit Volume control knob, and set the transmit sound level using the Transmitter control (Configure|Transmitter) in conjunction with the SignaLink's Receive Volume control knob. SignaLink gives a reasonably good explanation of how to find good sound levels. In general, you want to set the Transmitter sound level so that you are getting just a very little bit of ALC action (menu item 061 on the radio gives you access to monitor ALC when transmitting).

The final thing is that you need to find people who are doing PSK on the 2 meter band. In this area of the country, there's not a lot of PSK on 2 meters, but it may be different in your area. In addition, those people in this area of the country who are doing PSK on 2 meters seem to mostly use horizontal antennas rather than vertical antennas for their PSK operations, but again that may be different in your area. On 2 meters, the difference in polarization between a horizontal antenna and a vertical antenna is very noticeable and you literally might not hear a signal from a horizontal antenna if you're running a vertical antenna and vice versa.

Jon, KB1QBZ

[Non-text portions of this message have been removed]

28772. 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-08 20:25:08 UTC
From: bpaulhfx
Topic: 28772 Message: 28772

I have a question I'm hoping someone can help me with.

I have an FT-897 (pre D) set up with an Elk 2M/440 Five Element connected to 144/430 socket and my LDG Z-11 tuner with 80m dipole connected to the HF socket. My 2m works great, but 70cm use on the 444 Mhz repeaters in the area triggers the HF tuner.

I don't see any settings to swap 70cm between sockets unless its there in the manual and I'm missing it. Am I getting RF into the tuner by some other path then?

Brian
VE1NS
Halifax, Nova Scotia

28773. Re: [FT897] 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-08 20:55:20 UTC
From: Trixter aka Bret McDanel
Topic: 28772 Message: 28773

On Fri, 2010-01-08 at 20:25 +0000, bpaulhfx wrote:
>
> I have a question I'm hoping someone can help me with.
>
> I have an FT-897 (pre D) set up with an Elk 2M/440 Five Element
> connected to 144/430 socket and my LDG Z-11 tuner with 80m dipole
> connected to the HF socket. My 2m works great, but 70cm use on the 444
> Mhz repeaters in the area triggers the HF tuner.
>
> I don't see any settings to swap 70cm between sockets unless its there
> in the manual and I'm missing it. Am I getting RF into the tuner by
> some other path then?

this is a known issue with some tuners. Other tuners are capable of
filtering out any stray RF that goes over the HF plug when using UHF.
You can either install a pass filter or disconnect the HF when using UHF
(or in the case of my LDG tuner there is a setting to disable the
automatic tune on high swr which solves the problem).

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28774. Re: 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-08 21:09:36 UTC
From: bpaulhfx
Topic: 28772 Message: 28774

Thanks, appreciate the response, that's really helpful.

B.

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Fri, 2010-01-08 at 20:25 +0000, bpaulhfx wrote:
> >
> > I have a question I'm hoping someone can help me with.
> >
> > I have an FT-897 (pre D) set up with an Elk 2M/440 Five Element
> > connected to 144/430 socket and my LDG Z-11 tuner with 80m dipole
> > connected to the HF socket. My 2m works great, but 70cm use on the 444
> > Mhz repeaters in the area triggers the HF tuner.
> >
> > I don't see any settings to swap 70cm between sockets unless its there
> > in the manual and I'm missing it. Am I getting RF into the tuner by
> > some other path then?
>
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> this is a known issue with some tuners. Other tuners are capable of
> filtering out any stray RF that goes over the HF plug when using UHF.
> You can either install a pass filter or disconnect the HF when using UHF
> (or in the case of my LDG tuner there is a setting to disable the
> automatic tune on high swr which solves the problem).
>
>
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

28775. Re:Ongoing Newbie Saga

Yahoo group: FT897 (2010)
Date: 2010-01-08 22:06:15 UTC
From: RicardoH
Topic: 28761 Message: 28775

Jon,

Thanks for taking the time to comment on my post.
I believe I have the Signalink working fine.. the transmit light comes on and it keys the radio. The Yaesu CAT cable is being used to control the radio via the software. I have both USB cables connected to my PC if this was unclear I apologize.

I missed the section in the FT-897 manual where it says to use dig for PSK thanks for referring me to it. I have another novice question: If you are just sending tones why implement a special " dig" mode wouldn't FM or packet work too especially on 2m.

In step c did you swap transmit and receive? If not that could be why my waterfall looks so bad/nonexistent. I only see something when I transmit.

"c. Set the receive sound levels using the Waterfall control
(Configure|Waterfall) in conjunction with the SignaLink's Transmit Volume
control knob, and set the transmit sound level using the Transmitter
control (Configure|Transmitter) in conjunction with the SignaLink's Receive
Volume control knob. SignaLink gives a reasonably good explanation of how
to find good sound levels. In general, you want to set the Transmitter
sound level so that you are getting just a very little bit of ALC action
(menu item 061 on the radio gives you access to monitor ALC when
transmitting).. "
> [Non-text portions of this message have been removed]
>

Thanks again

Ric KJ6DOY

28776. Re: [FT897] Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-08 22:46:58 UTC
From: ae8u@fuse.net
Topic: 28766 Message: 28776

Hello,

It seems like a large chunk of the issues posted to this forum center around problems trying to connect HRD to a radio using a USB cable (similar to this user's problem.)

I have a Yaesu FT-897D, running HRD and connected back to a PC using a USB style CAT connector. I originally spent several frustrating hours trying to get the PC to connect and talk to the FT-897D. I finally found what I think is the key. Once in a while I lose my connection (usually after Windows has downloaded a new update) and have to "fiddle" with things a bit, but I always have success now that I think I know what to look for. I hear a lot of folks talking about the drivers. I won't say that is no the problem, but I would suggest you follow these steps first:

1) First of all it needs to be noted that if you are using the FT-897D there are COM port settings in three places that you need to look at and they must all match.

2) Start by going into Device Manager, and then into Ports. First check to see which port is actually assigned to the USB adapter. (In my system, sometime it is COM4, and sometime it is COM5.) Next double click the specific port and check the other settings. I recommend that you set the port to 9600 Baud (I think that is the default.) Also check the other settings. In my system, I have 7 data bits, none for parity, 1 stop bit and none for Flow Control.

3) Next check the FT-897D settings. Go into Menu, item 019. Make sure the Baud Rate matches that in step 2 (again I recommend 9600.) While your there check Menu item 020 to makes sure it says CAT. (It won't work if it is on linear or tuner. HRD and the PC require the CAT setting.)

4) Now go to HRD. Make sure you are using the correct COM port and the correct BAUD rate. Flow Control should not be checked. In most cases it should now connect. If it does not, try to select auto detect only for baud rate (keep the COM port set to the correct number.) In my rig this step has always worked.

I hope this helps you. It has always worked for me.

I think someone should turn this into a Word document and upload it to the files section of this forum since it seems to be such a problem. Then we could just send folks to the files section.

Thanks and 73,
Mike, AE8U

---- kb1syv <kb1syv@...> wrote:
>Hello everyone,
>
>Hi All,
>

>I bought programming software from RT Systems and it came with a CT-62 cable
>with an USB end instead of a serial. I have an FT-897D and I connected it to my
>CAT out. I don't get any unknown driver error, everything loads normally. I'm
>using Vista on my laptop. When I bring up HRD 5.0 build 2321, I get this:
>
>X Frequency =0
>X Ft-897, COM 3, 38400, Failed to read frequency.
>! Make sure your radio is not in memory mode
>! If you are using a homebrew/non-standard cable, you may need to select RTS
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>
>I've tried all the above with different baud rates, auto detecting and such. RT
>Systems say's that it is a CT-62 cable, but with a USB instead of a serial end.
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>I have a LDG AT-897 auto tuner and I'm using the CAT interface on the back of the tuner to connect my pc. I also noticed when I disconnect the autotuner and go to menu 20 to change value to CAT, it won't let me, it stays on tuner. Any help or suggestions would be really cool.
>
>Thanks
>
>73,
>
>Jethro
>

28777. ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-07 20:17:01 UTC
From: n5iz
Topic: 28777 Message: 28777

i just purchase a ft 897D and i've read were they had squelch problem.mine is a 04 year.did they get that problem fix at this ser #..

73 ray n5iz

28778. Re: FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 16:07:58 UTC
From: bsaride
Topic: 28758 Message: 28778

I measure 4 1/6 height with power supply

--- In FT897@yahoogroups.com, "wa3pak" <bradburrell@...> wrote:
>
> For those of you that have the FP-30 AC supply on your FT-897, does this supply increase the height/thickness of the rig? I am looking at some carry cases for mine and would like to add the FP-30, but wondered if it changed the height/thickness of the rig. The carry case I already have would be ideal, but it it's much higher/taller than the rig without one, it may not fit. Thanks in adavance for any insights you can share.
>
> 73,
> Brad
> WA3PAK
>

28779. Re: FP-30 Case

Yahoo group: FT897 (2010)
Date: 2010-01-07 21:36:01 UTC
From: pe1mij
Topic: 25033 Message: 28779

--- In FT897@yahoogroups.com, "ab9ta" <billspringer99@...> wrote:
>
> Since I've finally gotten relicensed, I've been looking at different
> radios, mainly the IC-706 and FT-897.
>
> One thing I've been wondering about is if the case for the FP-30 is
> available as a part from Yaesu.
> It occurs to me that with the extra room available by adding an empty
> FP-30 case, one could have room for an internal battery, AC power
> supply and a small tuner in one integrated case for the 897.
>
> Also, does anyone know if when the internal battery is installed and an
> external DC supply is connected to the radio, will the internal battery
> receive a charge, or are the batteries isolated?
>
> Thanks,
> Bill
> AB9TA
>
Hallo Bill

Do you have already a answer. is it possible to use the ft897d with batteries on a external dc supply?

Martin
PE1MIJ

28780. Re:FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-07 18:17:28 UTC
From: Jeff Mathia
Topic: 28758 Message: 28780

It changes height by ½□

Hope this helps

Jeff

[Non-text portions of this message have been removed]

28781. Re:FP-30 power supply dimensions

Yahoo group: FT897 (2010)
Date: 2010-01-09 00:27:57 UTC
From: Tim lyons
Topic: 28758 Message: 28781

When you get that all sorted out. A good case is a pelican case. Look on line for a good deal on a case that will work. I have a 1450 case and it works well. Just the radio though. Tuner in another box. I looked in hindsight at a 1560 case and that is a better setup as you usually won't just carry the radio. Pull out handle and wheels. Carrying the 1450 without a shoulder strap is pretty much of a load. And it traveled without the balun, tuner, or welding wire and slingshot.

73
NH2BV
Tim.

Sent from my iPhone at great care and caution. Edited by primate!

28782. Re: [FT897] Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-09 00:51:23 UTC
From: Al Iewek
Topic: 28766 Message: 28782

Hi. I have a slightly different problem with my 897D. HRD is hooked up and working fine, but I cannot get AC Log to connect. I've tried all different combos of settings as suggested by many, but still I cannot get it to interface with the radio. Any sugestions? Are you or any one out there able to operate both software together? I'd like to switch between the two at random.
Thanks in advance.
AL WA9APL

--- On Fri, 1/8/10, ae8u@... <ae8u@...> wrote:

From: ae8u@... <ae8u@...>
Subject: Re: [FT897] Can't interface HRD!
To: FT897@yahoogroups.com
Cc: "kb1syv" <kb1syv@yahoo.com>
Date: Friday, January 8, 2010, 4:46 PM

Hello,

It seems like a large chunk of the issues posted to this forum center around problems trying to connect HRD to a radio using a USB cable (similar to this user’s problem.)

I have a Yaesu FT-897D, running HRD and connected back to a PC using a USB style CAT connector. I originally spent several frustrating hours trying to get the PC to connect and talk to the FT-897D. I finally found what I think is the key. Once in a while I lose my connection (usually after Windows has downloaded a new update) and have to “fiddle” with things a bit, but I always have success now that I think I know what to look for. I hear a lot of folks talking about the drivers. I won’t say that is no the problem, but I would suggest you follow these steps first:

1) First of all it needs to be noted that if you are using the FT-897D there are COM port settings in three places that you need to look at and they must all match.

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3) Next check the FT-897D settings. Go into Menu, item 019. Make sure the Baud Rate matches that in step 2 (again I recommend 9600.) While your there check Menu item 020 to makes sure it says CAT. (It won’t work if it is on linear or tuner. HRD and the PC require the CAT setting.)

4) Now go to HRD. Make sure you are using the correct COM port and the correct BAUD rate. Flow Control should not be checked. In most cases it should now connect. If it does not, try to select auto detect only for baud rate (keep the COM port set to the correct number.)

In my rig this step has always worked.

I hope this helps you. It has always worked for me.

I think someone should turn this into a Word document and upload it to the files section of this forum since it seems to be such a problem. Then we could just send folks to the files section.

Thanks and 73,

Mike, AE8U

---- kb1syv <kb1syv@yahoo. com> wrote:

>Hello everyone,

>

>Hi All,

>

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>with an USB end instead of a serial. I have an FT-897D and I connected it to my

>CAT out. I don't get any unknown driver error, everything loads normally. I'm

>using Vista on my laptop. When I bring up HRD 5.0 build 2321, I get this:

>

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>X Ft-897, COM 3, 38400, Failed to read frequency.

>! Make sure your radio is not in memory mode

>! If you are using a homebrew/non- standard cable, you may need to select RTS

>and/or DTR

>

>I've tried all the above with different baud rates, auto detecting and such. RT

>Systems say's that it is a CT-62 cable, but with a USB instead of a serial end.

>Any suggestions would be helpful. Just a reminder, the USB was detected and

>drivers loaded without an issue.

>

>I have a LDG AT-897 auto tuner and I'm using the CAT interface on the back of the tuner to connect my pc. I also noticed when I disconnect the autotuner and go to menu 20 to change value to CAT, it won't let me, it stays on tuner. Any help or suggestions would be really

cool.

>

>Thanks

>

>73,

>

>Jethro

>

[Non-text portions of this message have been removed]

28783. Re:Ongoing Newbie Saga

Yahoo group: FT897 (2010)
Date: 2010-01-09 02:33:50 UTC
From: JonP
Topic: 28761 Message: 28783

>>The Yaesu CAT cable is being used to control the radio via the software. I have both USB cables connected to my PC if this was unclear I apologize.

The CAT cable is certainly not needed to make Digipan work with an FT-897 and a SignaLink. I'm not sure what impact the CAT cable would have on Digipan but I would remove it for debugging purposes.

>>If you are just sending tones why implement a special " dig" mode wouldn't FM or packet work too especially on 2m.

I would guess that the DIG mode is used to activate the data jack, but I don't know for sure. A signal fed through the microphone jack would work just as well, but the SignaLink with the 6-pin mini-DIN is intended to be plugged into the data jack. Other interfaces, such as the RIGblaster NOMIC are intended to go through the microphone connector and headphone connector.

I have not done any PSK on VHF. On HF, PSK is done through SSB (thus the PSK-L vs PSK-U setting). I don't know if it's the same on VHF, but if not there could be an issue since the radio is trying to do SSB in DIG mode. I have trouble envisioning PSK in FM because one of the key concepts of PSK is that it has a very very very narrow bandwidth, which it certainly wouldn't have with FM.

>>In step c did you swap transmit and receive? If not that could be why my waterfall looks so bad/nonexistent. I only see something when I transmit.

Oooops. Set the receive sound levels using the Digipan Waterfall control in conjunction with the SignaLink's Receive volume control knob, and set the transmit sound level using the Digipan Transmit control in conjunction with the SignaLink's Transmit volume control. Sorry about that.

*****

I know that a properly configured SignaLink works in DIG mode with an FT-897 on HF when the the digital mode is set to PSK-U because I have about 300 PSK contacts total across 80, 40, and 20 meters (including 38 states and 71 countries) using a SignaLink with my FT-897. I suggest you try listening on 40 meters at 7.035MHz, which is where the bulk of the 40 meter PSK activity happens (even though most of the "band plans" say it should be at 7.0695Mhz). At least around here, 40 meters PSK seems to be much more active at night than 20. You can also try 80 (3.580Mhz). Even if you only have a 2 meter vertical antenna, you should be able to hear at least some of the signals. Of course, if you have an HF antenna, all the better.

Make sure the Signalink is properly configured, make sure the computer is properly configured, and set the radio for DIG mode and PSK-U. Then play with the volume controls according to the SignaLink manual until you can hear something.

If you're able to see signals on the waterfall listening on 80 or 40, that will at least tell you that you have the SignaLink properly installed and adjusted.

I have noticed that I have to crank up the the SignaLink receive volume to get a lot of signals. I installed the receive jumper to increase the output volume of the SignaLink going into the computer.

Jon, KB1QBZ

28784. Re: 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-09 15:37:50 UTC
From: Richard Head, KDØGDV
Topic: 28772 Message: 28784

The W4RT site says that the Z-11 is not for use on 440/70cm because of known VHF/UHF RF issues, and that they recommend the AT-100.

http://www.w4rt.com/LDG/Z-11Pro.htm "NOTE: Not for use with FT-857(D) or FT-897(D) if you plan to use VHF or UHF. These two radios transmit a small amount of VHF/UHF RF energy out of the HF port and will fool the tuner into tuning. Use the AT-100Pro in this case."
 Richard Head
KDØGDV

[Non-text portions of this message have been removed]

28785. Re: ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-09 18:10:21 UTC
From: john_kb0ne
Topic: 28777 Message: 28785

Not really a problem but the attack and decay of the squelch is a bit fast and can easily trip on sputtering noise. I believe there is a mod in the files section that simply adds a capacitor to the squelch circuit to slow it down a bit. I'm seriously thinking about adding this to mine since I tend to get noise bursts that tends to trip and hold a channel open while in the scan mode.

John KB0NE

--- In FT897@yahoogroups.com, "n5iz" <raybrmly@...> wrote:
>
> i just purchase a ft 897D and i've read were they had squelch problem.mine is a 04 year.did they get that problem fix at this ser #..
>
> 73 ray n5iz
>

28786. FT897 over drives a solid state amp

Yahoo group: FT897 (2010)
Date: 2010-01-09 01:01:10 UTC
From: it4dps
Topic: 28786 Message: 28786

I have an FT897 that I'm trying to use with a small home brew solid state amp. When use my Kenwood TS-120 with this amp I turn down the RF power down to about 10 watts and everything works fine, but when I try to use the FT897 I'm definitely over driving the amp.
On the 897 I have turned down the RF Power in Menu # 75, the SSB Mic Gain in Menu # 81 and the AM Mic Gain in Menu # 5. I have also turned off the AGC and the speech processor, but no luck. The strange thing is that when I carrier into the amp it tunes up great. Any suggestions on where else I can turn down the amount of power that I'm delivering to the amp would be appreciated. Thanks - Vince K5VJM

28787. Re:Ongoing

Yahoo group: FT897 (2010)
Date: 2010-01-09 00:03:23 UTC
From: humberto gonzalez
Topic: 28787 Message: 28787

I'm just read about theissue, maybe you need to check also menu 80, the radio on FM by default is configured on RF GAIN that means that on 2m is an authomatic squelch. if you change the menu 80 to SQL you can open the receiver.

Regards

Bert/ XE1FZE

¡Obtén la mejor experiencia en la web! Descarga gratis el nuevo Internet Explorer 8.
http://downloads.yahoo.com/ieak8/?l=mx

28788. Re: 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-09 19:12:17 UTC
From: W1AEX
Topic: 28772 Message: 28788

Seems like a lowpass filter inserted at the output of the HF/6 port would stop that. Obviously it would have to be designed for 18 - 54 mhz, such as the one in this article:

http://www.realhamradio.com/DC_54_mhz_lowpass_filter.htm

Thanks for posting the note from the W4RT site Rich. That certainly clarifies what's happening with this issue.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, Richard Head, KDØGDV <kd0gdv@...> wrote:
> http://www.w4rt.com/LDG/Z-11Pro.htm "NOTE: Not for use with FT-857(D) or FT-897(D) if you plan to use VHF or UHF. These two radios transmit a small amount of VHF/UHF RF energy out of the HF port and will fool the tuner into tuning. Use the AT-100Pro in this case."
> Richard Head
> KDØGDV
>

28789. Re: 44o Mhz out put question

Yahoo group: FT897 (2010)
Date: 2010-01-09 19:13:52 UTC
From: W1AEX
Topic: 28772 Message: 28789

Correction: Should read 1.8 - 54 mhz

--- In FT897@yahoogroups.com, "W1AEX" <w1aex.fn31@...> wrote:
it would have to be designed for 18 - 54 mhz...

28790. RE: [FT897] Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-09 19:33:43 UTC
From: Dennis
Topic: 28766 Message: 28790

Here may be an easier way;

Turn off (or stop) windows updates. Most are not necessary and only eat disc space. The "critical" updates, however, should be reviewed before you download (as with ALL downloads, for that matter) to see exactly what the update is for and what is being "fixed". The majority of fixes really pertain to a business computer.

On the flip side, the argument of "my computer will be vulnerable", does not apply. Why? Easy - you have nothing a "hacker" wants, really. With as difficult as it is to hack a computer (per se), why would he waste his time on ONE possible piece of meat, when he can attack, say, fifth third bank, sears, or any other system that would glean THOUSANDS of possible hits for personal information? Or, if your computer is used for (home) business somehow and you want to protect your interests and your customers, then by all means do the updates.

At best, your computer **MAY** be used in a series to try to hack something/somebody else, but that is somewhat far fetched.

If you are using the computer at home for email, internet, gaming, radio, etc. these updates are NOT critical, regardless of what Microsoft says.

Firewall, spyware, adware, malware and anti-virus programs, too, are really not that important **IF** you are not downloading hundreds of files or opening emails from unknown persons. Again, most only eat disc space and consume memory.

As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen, of course, and used, but as I said before, in the vast majority of cases, you have nothing a hacker wants.

Dennis N8BMB

[Non-text portions of this message have been removed]

28791. Re: [FT897] FT897 over drives a solid state amp

Yahoo group: FT897 (2010)
Date: 2010-01-09 20:42:06 UTC
From: Minto Witteveen
Topic: 28786 Message: 28791

It is the result of the 897 alc not working correctly, a known design flaw. This issue has come up before, and a few months ago I did some measurements on my 897 with an O'scope.

When you reduce output power via menu #75 you will see that on first keydown the output power will be way over the set level. after about 4 ms the output settles back to the set level.

I did not try this with SSB, but I assume the same happens there.

Not all amps are happy with this behavior. As far as I know there is no solution yet. (other than dumping full 100 Watts power into a dummy load, and tapping some power into the amp)

For some O'scope screens see http://www.pa3bca.nl/ft897qrp

Regards,

Minto Witteveen

pa3bca

From: it4dps
Sent: Saturday, January 09, 2010 2:01 AM
To: FT897@yahoogroups.com
Subject: [FT897] FT897 over drives a solid state amp

I have an FT897 that I'm trying to use with a small home brew solid state amp. When use my Kenwood TS-120 with this amp I turn down the RF power down to about 10 watts and everything works fine, but when I try to use the FT897 I'm definitely over driving the amp.
On the 897 I have turned down the RF Power in Menu # 75, the SSB Mic Gain in Menu # 81 and the AM Mic Gain in Menu # 5. I have also turned off the AGC and the speech processor, but no luck. The strange thing is that when I carrier into the amp it tunes up great. Any suggestions on where else I can turn down the amount of power that I'm delivering to the amp would be appreciated. Thanks - Vince K5VJM

[Non-text portions of this message have been removed]

28792. Re: [FT897] FT897 over drives a solid state amp

Yahoo group: FT897 (2010)
Date: 2010-01-09 20:55:53 UTC
From: Minto Witteveen
Topic: 28786 Message: 28792

Hm I was too quick stating there is as yet no simple cure. Possibly there is. You might apply an alc voltage via the jack on the back of the rig. Not tried myself but this is been said te work. 9 volt battery with a simple pot might do the trick.

Minto pa3bca.

From: Minto Witteveen
Sent: Saturday, January 09, 2010 9:42 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] FT897 over drives a solid state amp

It is the result of the 897 alc not working correctly, a known design flaw. This issue has come up before, and a few months ago I did some measurements on my 897 with an O'scope.

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For some O'scope screens see http://www.pa3bca.nl/ft897qrp

Regards,

Minto Witteveen

pa3bca

From: it4dps
Sent: Saturday, January 09, 2010 2:01 AM
To: FT897@yahoogroups.com
Subject: [FT897] FT897 over drives a solid state amp

I have an FT897 that I'm trying to use with a small home brew solid state amp. When use my Kenwood TS-120 with this amp I turn down the RF power down to about 10 watts and everything works fine, but when I try to use the FT897 I'm definitely over driving the amp.
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[Non-text portions of this message have been removed]

28793. Re: FT897 over drives a solid state amp

Yahoo group: FT897 (2010)
Date: 2010-01-09 23:17:26 UTC
From: Steve Yates
Topic: 28786 Message: 28793

I've done this for QRP use to eliminate the QRO spike and it works fine. Of course if you do this you can't apply ALC feedback from the amplifier, or at least not without a more complicated circuit.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Minto Witteveen <minto.witteveen@...> wrote:
>
> Hm I was too quick stating there is as yet no simple cure. Possibly there is. You might apply an alc voltage via the jack on the back of the rig. Not tried myself but this is been said te work. 9 volt battery with a simple pot might do the trick.
>
> Minto pa3bca.

28794. Re: ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-09 23:23:25 UTC
From: Steve Yates
Topic: 28777 Message: 28794

No need for a hardware modification. A simple adjustment to the squelch in the hidden extended menu solves the problem. Search the group for info on the extended menu. Beware that messing with the extended menu without recording or backing up the existing settings can get you in trouble. My automatic squelch was a little loose too but it was easy to solve. Unfortunately I did not record my step by step procedure but I remember it was easy.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@...> wrote:
>
> Not really a problem but the attack and decay of the squelch is a bit fast and can easily trip on sputtering noise. I believe there is a mod in the files section that simply adds a capacitor to the squelch circuit to slow it down a bit. I'm seriously thinking about adding this to mine since I tend to get noise bursts that tends to trip and hold a channel open while in the scan mode.
>
> John KB0NE
>
> --- In FT897@...m, "n5iz" <raybrmly@> wrote:
> >
> > i just purchase a ft 897D and i've read were they had squelch problem.mine is a 04 year.did they get that problem fix at this ser #..
> >
> > 73 ray n5iz
> >
>

28795. RE: [FT897] Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 02:09:14 UTC
From: John Johnson
Topic: 28766 Message: 28795

I can't believe I've read that, and I'm not sure if Dennis is simply a troll but I recommend that readers take no notice of his message because if he's for real he clearly doesn't have a clue about computer security and the reasons for it. To address his points in turn:

Understanding the description of a Windows update is not something you can do in a moment. They don't issue them for fun so just trust them - but maybe as I and many do, don't install them immediately but wait just a few days in case there' s a problem.

Dennis says it's "you have nothing a "hacker" wants, really" and that "your computer **MAY** be used in a series [whatever he may mean by that] to try to hack something/somebody else, but that is somewhat far fetched". Not only is your computer vulnerable but hackers want each and every one of them, to use as 'bots' for many reasons from distributing spam to hacking the Pentagon on their behalf. Why would a hacker try to "attack, say, fifth third banks, sears..." and expose their own connection to discovery when they can have tens of thousands of unprotected PCs with broadband connections do the job for them in a fraction of the time. It's not far fetched, it's happening all over the world a million times while you read this.

Even popular mainstream websites can and are hacked to distribute malware so the "you'll only get them from dodgy websites" argument doesn't hold water. You only have to visit ONE bad site, the other million good sites you visited last year won't mitigate this. And did you let your teenage kids or non-technosavvy parents use your PC? Did you know you're the millionth visitor to this site so you've won a laptop? Simply click here to find out how to...

> As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen,

That's right, even in the 21st century Dennis says you should rely on a desk diary for this sort of information - or simply follow some decent computer security principles.

Don't believe Dennis or even for that matter me, but look elsewhere for corroboration because Dennis's message below flies in the face of all sensible security advice. If I can think of one good computer security site right now it's the blog of David Cluley who was technical supremo at Dr. Solomons for many years before moving to Sophos:
http://www.sophos.com/blogs/gc/

So what do I know? I've had a PC since 1985, well dozens of them, many at a time, and by using Microsoft updates, Symantec Anti-Virus, Microsoft Defender and simply not using an Administrator account for everyday work I've never been troubled by a virus or malware on my own PCs, but judging by

the amount of spam I get I'm troubled by that on thousands of other people's.

Be safe, it's a dangerous world out there!

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dennis
Sent: 09 January 2010 19:34
To: FT897@yahoogroups.com
Subject: RE: [FT897] Can't interface HRD!

Here may be an easier way;

Turn off (or stop) windows updates. Most are not necessary and only eat disc space. The "critical" updates, however, should be reviewed before you download (as with ALL downloads, for that matter) to see exactly what the update is for and what is being "fixed". The majority of fixes really pertain to a business computer.

On the flip side, the argument of "my computer will be vulnerable", does not apply. Why? Easy - you have nothing a "hacker" wants, really. With as difficult as it is to hack a computer (per se), why would he waste his time on ONE possible piece of meat, when he can attack, say, fifth third bank, sears, or any other system that would glean THOUSANDS of possible hits for personal information? Or, if your computer is used for (home) business somehow and you want to protect your interests and your customers, then by all means do the updates.

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As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen, of course, and used, but as I said before, in the vast majority of cases, you have nothing a hacker wants.

Dennis N8BMB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28796. 73, adieu, and thanks

Yahoo group: FT897 (2010)
Date: 2010-01-10 02:51:07 UTC
From: Lew Phelps K6LMP
Topic: 28796 Message: 28796

With this email, I am saying 73 and farewell (soon) to the many thoughtful hams who have contributed to this list, and to my knowledge of amateur radio generally and the FT-897D specifically.

I've sold my FT-897 and replaced it with a new Elecraft K3 (built from kit).

Why?

The FT-897 is an excellent rig -- my first HF transceiver, and I have no regrets having invested in it. I was attracted to it for its all-band features, its portability, its reputation for excellent if not great design, and its apparent ruggedness. Over the past few years, my interests have changed, and it no longer seemed the best rig available for my needs. I've been bitten by the VHF/UHF contesting bug, and the FT-897 receiver just wasn't up to pulling in weak signals. Some of its operating features made for clumsy band switching and monitoring, which is necessary for VHF contesting. And I found that despite its rugged looks, the front knobs are highly vulnerable to impact damage (as have many others on this list).

Why choose the K3?

First, it's the very best receiver on the market, at any price.

Second, it interfaces seamlessly with transverters, especially Elecraft transverters, which makes contest operation easier. The new "internal" 2 meter transverter has a sensitivity of -145 dB, compared with a published level of -137 for the FT-897. The Elecraft transverters provide the same great receiver performance as the base rig, with a very low noise figure.

Third, although more expensive than the FT-897, its modularity allows me to expand its capability as my budget allows.

Fourth, it offers a built-in second receiver, with exactly the same jaw-dropping specs and spectacularly good filtering capability, so I can monitor 6 meters and 2 meters simultaneously (one in each ear of stereo headphones). The second receiver also offers great opportunity for diversity reception, which can be a boon on 6 meters in sketchy propagation conditions.

A couple of comments:

I was concerned about reported low sensitivity on the 6 meter band (a byproduct of the low IF frequency in the K3 that allows such great receiver performance on lower bands), but a look at specs revealed that sensitivity on 6 meters that Elecraft owners consider really awful is actually the same as the FT-897 provides, and Elecraft offers a preamp for 6 meter that attaches directly to the antenna jack, and improves sensitivity by 9 dB. It switches in and out automatically as you tune the rig.

The portability of the two rigs isn't much different. The K3 "box" is one inch taller and 3 inches wider than the FT-897 (same depth front to back), but if you add the bolt-on tuner

to the FT-897, they're almost the same, and the K3 is actually several pounds lighter than the FT-897 plus the bolt-on tuner. Running QRP, I can power it off an old Sony monitor "brick" power supply about the size of a pack of cards.

The larger front face on the K3 allows for more buttons (and thus fewer three-deep menus), a larger and more legible LCD display with more info, and less need to 'bolt on" additional components such as the tuner and the LDG meter. There's plenty of space inside the 'box" for an autotuner, 2 meter transverter, and --

Lastly, Elecraft support for its customers is legendary. The guys who designed the rig and run the company are regular participants on the Elecraft reflector. Ever seen anyone from Yaesu here? They respond at near-light speed to issues that customers encounter, often posting an update to the rig's firmware within a day or two of a problem being identified. The K3 is very much a software defined radio, and as such is a living, breathing creature, not a static box that becomes more obsolete by the day, by definition, since it's not user-upgreadable. Before I made the plunge and bought my K3, I emailed the company with a dozen specific, detailed and somewhat arcane questions. Less than 24 hours later, I had received detailed, thoughtful answers from the rig's designer.

I'll hang around this group for a week or so in case somebody wants to comment on this posting and I feel I'd like to respond.

And, yes, I've sold my rig to another member of the group who wrote me when he read an earlier post from me saying I was considering the switch.

73, adieu, and thank,

Lew Phelps K6LMP

28797. Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 16:21:23 UTC
From: Gordon G8WWD
Topic: 28766 Message: 28797

John,

Firstly, before posting a message calling someone "a troll" you should remind yourself of the fact that as a radio amateur, you are an ambassador for your country. Name calling is not in the spirit of amateur radio, is not constructive, and just makes you look bad in the eyes of others!

Now onto computer security. Perhaps John, you should read some of the excellent articles done by the computer press over the past year both in the UK and in the US, both in the consumer magazines and in the professional industry journals, exposing the antivirus hype that the sellers of computer security software would like us all to believe.

I personally have read 5 of these articles in the past 12 months, by different publishers, and unsurprisingly, they have all concluded something that (having worked in the computer industry since 1973) I have long suspected.

The vast majority of viruses, malware, trojan horses, etc. are hyped up beyond all proportion by the companies selling security software. It's marketing scare mongering, and makes them a fortune in sales! That's how Sophos, Symantec, McAfee, etc. make their money by making us all scared enough of the consequences that we buy their software! Of course if you read something written by anyone from Sophos, Dr Solomon's, Symantec, etc. it is going to justify using their products. If the writer said anything different, they would be sacked!

Exactly the same scare mongering tactics are used on our TV's every day bombarding us with the scary reasons why we must use Dettol, Domestos and loads of other antibacterial products!!! If we all took them as seriously as we take the computer virus threat, we'd all be wearing facemasks, buying cylinders of purified air to breathe and never going out of our homes in case we got infected by a virus that someone had left on the seat of the bus, door handle or bannister in the office, shops, etc.

Many of these tests included having PC's with NO antivirus/spyware/malware software on them whatsoever, and they did not become infected during some quite extensive tests!

The main conclusion of several articles was that if you are using a router, which acts as a NAT (this is the standard situation with the vast majority of home PC's these days), your PC is at very little risk from direct attack. Why? Because its own IP address is never presented directly on the internet and any attempted attack on the router would fail as the router does not run Windows instructions. Unless of course someone chose to write a router virus.....somewhat unlikely as there are so many different makes and models out there, all using different firmware, instruction sets, etc.

Yes, if you keep visiting dodgy sites, such as sex sites, hacker sites, illegal file sharing sites, etc. then yes, you are very likely to pick up something nasty on your PC sooner or later, just the same as you are likely to pick up a human virus if you keep visiting brothels! Also, if you keep exchanging email attachments with people that you don't know and trust, then yes you are likely to pick up the odd nasty, but if you are

sensible, then you will be fine.

I have several PC's. My main desktop has Norton 360 on it, because it came with the PC and my laptop has AVG free edition, more for peace of mind, rather than me actually being worried that I will ever get infected. A second laptop however is an older IBM machine, running Windows XP Pro, connected to my FT-897D and the internet. I use it to access Yahoo Groups, QRZ.com and loads of ham radio sites, as well as for PSK, SSTV, etc. After reading the first of the articles on the hype surrounding viruses, I decided as a test to remove the antivirus/malware/spyware protection running on it and it has never had any infection. And before you say how do I know it is not a 'bot, etc. I can test it quite easily by scanning it from another machine which has antivirus software, so I know it is clean. Funnily enough, despite it being the most elderly of the PC's and therefore the lowest spec, it is also often the most responsive, despite having just as much software on it as the others, as it does not have the overhead of antivirus, firewall, antimalware, etc. software running in the background and using up its resources!

The moral of the story, is think before you believe marketing hype written by so called "experts". Ask yourself if they have a financial interest in what they are writing about. If the answer is "yes" then take what they say with a large pinch of salt! Reading TRULY unbiased reports are far more worthy of your time!

BTW best way to avoid viruses, etc. is to run Linux. Doesn't really matter which flavour you choose. There are hardly any viruses that can successfully infect a machine running Linux.

73's,

Gordon G8WWD

--- In FT897@yahoogroups.com, "John Johnson" <g6vzm@...> wrote:
>
> I can't believe I've read that, and I'm not sure if Dennis is simply a troll
> but I recommend that readers take no notice of his message because if he's
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> only is your computer vulnerable but hackers want each and every one of
> them, to use as 'bots' for many reasons from distributing spam to hacking
> the Pentagon on their behalf. Why would a hacker try to "attack, say, fifth
> third banks, sears..." and expose their own connection to discovery when
> they can have tens of thousands of unprotected PCs with broadband

> connections do the job for them in a fraction of the time. It's not far
> fetched, it's happening all over the world a million times while you read
> this.
>
>
>
> Even popular mainstream websites can and are hacked to distribute malware so
> the "you'll only get them from dodgy websites" argument doesn't hold water.
> You only have to visit ONE bad site, the other million good sites you
> visited last year won't mitigate this. And did you let your teenage kids or
> non-technosavvy parents use your PC? Did you know you're the millionth
> visitor to this site so you've won a laptop? Simply click here to find out
> how to...
>
>
>
> > As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen,
>
> That's right, even in the 21st century Dennis says you should rely on a desk
> diary for this sort of information - or simply follow some decent computer
> security principles.
>
>
>
> Don't believe Dennis or even for that matter me, but look elsewhere for
> corroboration because Dennis's message below flies in the face of all
> sensible security advice. If I can think of one good computer security site
> right now it's the blog of David Cluley who was technical supremo at Dr.
> Solomons for many years before moving to Sophos:
> http://www.sophos.com/blogs/gc/
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> So what do I know? I've had a PC since 1985, well dozens of them, many at a
> time, and by using Microsoft updates, Symantec Anti-Virus, Microsoft
> Defender and simply not using an Administrator account for everyday work
> I've never been troubled by a virus or malware on my own PCs, but judging by
> the amount of spam I get I'm troubled by that on thousands of other
> people's.
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> Be safe, it's a dangerous world out there!
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> JJ
>
> G6VZM / 9H4JJ
>

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>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Dennis
> Sent: 09 January 2010 19:34
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Can't interface HRD!
>
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> Here may be an easier way;
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> Turn off (or stop) windows updates. Most are not necessary and only eat
> disc space. The "critical" updates, however, should be reviewed before you
> download (as with ALL downloads, for that matter) to see exactly what the
> update is for and what is being "fixed". The majority of fixes really
> pertain to a business computer.
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> On the flip side, the argument of "my computer will be vulnerable", does not
> apply. Why? Easy - you have nothing a "hacker" wants, really. With as
> difficult as it is to hack a computer (per se), why would he waste his time
> on ONE possible piece of meat, when he can attack, say, fifth third bank,
> sears, or any other system that would glean THOUSANDS of possible hits for
> personal information? Or, if your computer is used for (home) business
> somehow and you want to protect your interests and your customers, then by
> all means do the updates.
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> At best, your computer **MAY** be used in a series to try to hack
> something/somebody else, but that is somewhat far fetched.
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> If you are using the computer at home for email, internet, gaming, radio,
> etc. these updates are NOT critical, regardless of what Microsoft says.
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> Firewall, spyware, adware, malware and anti-virus programs, too, are really
> not that important **IF** you are not downloading hundreds of files or
> opening emails from unknown persons. Again, most only eat disc space and
> consume memory.
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> As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen,
> of course, and used, but as I said before, in the vast majority of cases,
> you have nothing a hacker wants.
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> Dennis N8BMB
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> [Non-text portions of this message have been removed]
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>
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>

28798. Re: ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-10 17:05:55 UTC
From: john_kb0ne
Topic: 28777 Message: 28798

OK, This is where I saw the 'add a capacitor' mod:

http://www.mods.dk/mod/yaesu/DG2IAQ_Modification_Sheet_YAESU_FT-897_Squelch_only.pdf

Need to join modsDK to get in (free). Also I suspect the site may have been hacked and the e-mail addresses have been stolen by a spammer.... don't know for sure but it's best be aware. My WA0LHB(AT)Gmail got hit pretty hard after joining there but then again it could have been any number of sites that had the leak....

I looked at the service manual and it looks like the tweaking of the menu items would be easy enough but this is always scary. There really isn't any info about how the 4 squelch menu items interact.

Anyhow, there ya go, 2 different approaches to the same issue.

John KB0NE

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> No need for a hardware modification. A simple adjustment to the squelch in the hidden extended menu solves the problem.

28799. ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-10 17:11:14 UTC
From: n5iz
Topic: 28777 Message: 28799

i looked in hidden menu and i dont see squelch settings what # is it..

73 ray n5iz

28800. Re: [FT897] ft 897D squelch problems

Yahoo group: FT897 (2010)
Date: 2010-01-10 17:49:14 UTC
From: Florentin Nastase
Topic: 28777 Message: 28800

try #13 to #16
13 and 14 [(open/close level without RX signal (Threshold / Hysteresis)]
15 and 16 [on RX signal of 3 dBµ (Tight = Enge)]

First of all be shure theat your PS is exactly 13.8V it is very important !!!

73
Florentin, YO9BXC
--- On Sun, 1/10/10, n5iz <raybrmly@...> wrote:

From: n5iz <raybrmly@...>
Subject: [FT897] ft 897D squelch problems
To: FT897@yahoogroups.com
Date: Sunday, January 10, 2010, 9:11 AM

i looked in hidden menu and i dont see squelch settings what # is it..

73 ray n5iz

[Non-text portions of this message have been removed]

28801. Re: [FT897] Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 22:38:53 UTC
From: Danny Loyd
Topic: 28766 Message: 28801

One question I have, is what does any of this about PC security have to do with interfacing to HRD?

Danny
KE5WDI

From: Gordon G8WWD <g8wwd@...>
To: FT897@yahoogroups.com
Sent: Sun, January 10, 2010 10:21:23 AM
Subject: [FT897] Re: Can't interface HRD!

John,

Firstly, before posting a message calling someone "a troll" you should remind yourself of the fact that as a radio amateur, you are an ambassador for your country. Name calling is not in the spirit of amateur radio, is not constructive, and just makes you look bad in the eyes of others!

Now onto computer security. Perhaps John, you should read some of the excellent articles done by the computer press over the past year both in the UK and in the US, both in the consumer magazines and in the professional industry journals, exposing the antivirus hype that the sellers of computer security software would like us all to believe.

I personally have read 5 of these articles in the past 12 months, by different publishers, and unsurprisingly, they have all concluded something that (having worked in the computer industry since 1973) I have long suspected.

The vast majority of viruses, malware, trojan horses, etc. are hyped up beyond all proportion by the companies selling security software. It's marketing scare mongering, and makes them a fortune in sales! That's how Sophos, Symantec, McAfee, etc. make their money by making us all scared enough of the consequences that we buy their software! Of course if you read something written by anyone from Sophos, Dr Solomon's, Symantec, etc. it is going to justify using their products. If the writer said anything different, they would be sacked!

Exactly the same scare mongering tactics are used on our TV's every day bombarding us with the scary reasons why we must use Dettol, Domestos and loads of other antibacterial products!!! If we all took them as seriously as we take the computer virus threat, we'd all be wearing facemasks, buying cylinders of purified air to breathe and never going out of our homes in case we got infected by a virus that someone had left on the seat of the bus, door handle or bannister in the office, shops, etc.

Many of these tests included having PC's with NO antivirus/spyware/ malware software on them whatsoever, and they did not become infected during some quite extensive tests!

The main conclusion of several articles was that if you are using a router, which acts as a NAT (this is the standard situation with the vast majority of home PC's these days), your PC is at very little risk from direct attack. Why? Because its own IP address is never presented directly on the internet and any attempted attack on the router would fail as the router does not run Windows instructions. Unless of course someone chose to write a router virus.....somewhat unlikely as there are so many different makes and models out there, all using different firmware, instruction sets, etc.

Yes, if you keep visiting dodgy sites, such as sex sites, hacker sites, illegal file sharing sites, etc. then yes, you are very likely to pick up something nasty on your PC sooner or later, just the same as you are likely to pick up a human virus if you keep visiting brothels! Also, if you keep exchanging email attachments with people that you don't know and trust, then yes you are likely to pick up the odd nasty, but if you are sensible, then you will be fine.

I have several PC's. My main desktop has Norton 360 on it, because it came with the PC and my laptop has AVG free edition, more for peace of mind, rather than me actually being worried that I will ever get infected. A second laptop however is an older IBM machine, running Windows XP Pro, connected to my FT-897D and the internet. I use it to access Yahoo Groups, QRZ.com and loads of ham radio sites, as well as for PSK, SSTV, etc. After reading the first of the articles on the hype surrounding viruses, I decided as a test to remove the antivirus/malware/ spyware protection running on it and it has never had any infection. And before you say how do I know it is not a 'bot, etc. I can test it quite easily by scanning it from another machine which has antivirus software, so I know it is clean. Funnily enough, despite it being the most elderly of the PC's and therefore the lowest spec, it is also often the most responsive, despite having just as much software on it as the others, as it does not have the overhead of antivirus, firewall, antimalware, etc. software running in the background and using up its resources!

The moral of the story, is think before you believe marketing hype written by so called "experts". Ask yourself if they have a financial interest in what they are writing about. If the answer is "yes" then take what they say with a large pinch of salt! Reading TRULY unbiased reports are far more worthy of your time!

BTW best way to avoid viruses, etc. is to run Linux. Doesn't really matter which flavour you choose. There are hardly any viruses that can successfully infect a machine running Linux.

73's,

Gordon G8WWD

--- In FT897@yahoogroups. com, "John Johnson" <g6vzm@...> wrote:
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> I can't believe I've read that, and I'm not sure if Dennis is simply a troll
> but I recommend that readers take no notice of his message because if he's
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> third banks, sears..." and expose their own connection to discovery when
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> You only have to visit ONE bad site, the other million good sites you
> visited last year won't mitigate this. And did you let your teenage kids or
> non-technosavvy parents use your PC? Did you know you're the millionth
> visitor to this site so you've won a laptop? Simply click here to find out
> how to...
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>
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> > As well, DO NOT LEAVE PERSONAL INFO ON YOUR COMPUTER! It could be stolen,
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> That's right, even in the 21st century Dennis says you should rely on a desk
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28802. Re: [FT897] Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 22:47:17 UTC
From: DALE BLANCHARD
Topic: 28766 Message: 28802

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Sunday, January 10, 2010 2:38:53 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Re: Can't interface HRD!

One question I have, is what does any of this about PC security have to do with interfacing to HRD?

Danny
KE5WDI

I removed PC security to make HRD remote work properly.

Now I do not have as many problems as I used to.

Dale

’–·–’–––

[Non-text portions of this message have been removed]

28803. RE: [FT897] Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 23:10:41 UTC
From: John Johnson
Topic: 28766 Message: 28803

You are absolutely right, and those who actually read and took on board that I wrote ["I'm not sure if Dennis is simply a troll"] will understand that I didn't actually call him a troll, I merely questioned it in the light of the outrageous statements that he was making. That you didn't properly grasp a concept in what I presume is your native language seems far more embarrassing to our nation. I did not name call, I responsibly brought to people's attention some dangerously bad computer security advice.

I shan't bother responding to the rest. The computer security argument could go on all night, but there's a big difference between seasoned computer professionals using a computer and throwing it open to their families. As they used to say "you pays your money and you takes your choice". Just don't anyone come crying to me if they take the advice of G8WWD or N8BMB and end up with a trashed computer.

JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Gordon G8WWD
Sent: 10 January 2010 16:21
To: FT897@yahoogroups.com
Subject: [FT897] Re: Can't interface HRD!

John,

Firstly, before posting a message calling someone "a troll" you should remind yourself of the fact that as a radio amateur, you are an ambassador for your country. Name calling is not in the spirit of amateur radio, is not constructive, and just makes you look bad in the eyes of others!

Now onto computer security. Perhaps John, you should read some of the excellent articles done by the computer press over the past year both in the UK and in the US, both in the consumer magazines and in the professional industry journals, exposing the antivirus hype that the sellers of computer security software would like us all to believe.

I personally have read 5 of these articles in the past 12 months, by different publishers, and unsurprisingly, they have all concluded something that (having worked in the computer industry since 1973) I have long suspected.

The vast majority of viruses, malware, trojan horses, etc. are hyped up beyond all proportion by the companies selling security software. It's marketing scare mongering, and makes them a fortune in sales! That's how Sophos, Symantec, McAfee, etc. make their money by making us all scared enough of the consequences that we buy their software! Of course if you read something written by anyone from Sophos, Dr Solomon's, Symantec, etc. it is

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[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of
> Dennis
> Sent: 09 January 2010 19:34
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: RE: [FT897] Can't interface HRD!
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28804. Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-10 23:47:16 UTC
From: ki4diw
Topic: 28766 Message: 28804

Jethro,

You might also want to check menu no 85 and make sure that it is set to OFF. I know that this will disable the tuner but when you get finished just change menu 85 back to tuner.

hope this helps

Buddy KI4DIW

28805. I think G6VZM could use a well-deserved time out

Yahoo group: FT897 (2010)
Date: 2010-01-11 01:56:28 UTC
From: willgord
Topic: 28805 Message: 28805

i joined this group because I wanted to pick the brains of most experienced hams than I am. It has provided me with considerable help in guidance in getting the most out of my 897D.

Still, it just takes one bad apple and from my point-of-view Mr. Johnson is our group's bad apple.

He has brought rancor, hostility and infantile name-calling to what has always been a room of mature adults.

If a name acted that way, I would call a time out and send the tyke to his or her room for a time-out. Perhaps, when he has rethought his behavior in the cold light of day, Mr. Johnson will award himself a time-out.

By all means, stay in the group if you can behave like an adult. Otherwise, please go away and give the room back to those who are adults.

Gordon
K2GLW

28806. Re: FT897 over drives a solid state amp

Yahoo group: FT897 (2010)
Date: 2010-01-11 02:19:23 UTC
From: Steve Yates
Topic: 28786 Message: 28806

Before you go and try this I've been doing some more tests on SSB with this method. Because of the fixed ALC voltage it degrades the desirable voice compression on SSB. The average talk power decreases much faster then what the peak envelope power is being limited to. On CW this external ALC method seems to work okay to control the power. On the digital modes the restoration of the dynamic range associated with the fixed external ALC might be a good thing but I haven't tried it.

I built me a little box with a pot and a momentary push button switch. I used the button to silently key the transmitter and the pot to adjust the power. Both the ALC input and the PTT are available from the same jack. It's pretty handy when used with my SGC autotuner.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
>
> I've done this for QRP use to eliminate the QRO spike and it works fine. Of course if you do this you can't apply ALC feedback from the amplifier, or at least not without a more complicated circuit.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, Minto Witteveen <minto.witteveen@> wrote:
> >
> > Hm I was too quick stating there is as yet no simple cure. Possibly there is. You might apply an alc voltage via the jack on the back of the rig. Not tried myself but this is been said te work. 9 volt battery with a simple pot might do the trick.
> >
> > Minto pa3bca.
>

28807. Re: [FT897] Re: Can't interface HRD!

Yahoo group: FT897 (2010)
Date: 2010-01-11 02:41:07 UTC
From: Joe
Topic: 28766 Message: 28807

This thread is WAY beyond the Yaesu FT-897 at this point.

As a computer professional, I can categorically state, that anyone who does NOT use anti-malware protection of some sort, is asking for a very bad surprise, and...to make it worse, they will be infecting every single person on their email address list.

I deal with computers on a daily basis and I see so many virus/trojan/malware corrupted systems in my daily sojourns that I inwardly wish the courts would treat the bozo's who distribute these things as the criminals they are and sentence them to long years behind bars.

If someone is complaining about spending the money for a anti-malware program, from a company that is just trying to drum up business, then download AVG Free.....Avast is not making a cent/quid/peso, etc. off you then.

Now..let's drop this and get back to the Yaesu radio.

Joe Wolfe
WA6RKN
Progressive Information Systems, Inc.
Reno, Nevada

----- Original Message -----
From: "John Johnson" <g6vzm@...>
Subject: RE: [FT897] Re: Can't interface HRD!

I shan't bother responding to the rest. The computer security argument
> could go on all night, but there's a big difference between seasoned
> computer professionals using a computer and throwing it open to their
> families. As they used to say "you pays your money and you takes your
> choice". Just don't anyone come crying to me if they take the advice of
> G8WWD or N8BMB and end up with a trashed computer.

28808. Re: [FT897] I think G6VZM could use a well-deserved time out

Yahoo group: FT897 (2010)
Date: 2010-01-11 02:44:08 UTC
From: Dean Nash
Topic: 28805 Message: 28808

Amen.

73 de N4SHD

From: willgord <willgord@...>
To: FT897@yahoogroups.com
Sent: Sun, January 10, 2010 8:56:28 PM
Subject: [FT897] I think G6VZM could use a well-deserved time out

i joined this group because I wanted to pick the brains of most experienced hams than I am. It has provided me with considerable help in guidance in getting the most out of my 897D.

Still, it just takes one bad apple and from my point-of-view Mr. Johnson is our group's bad apple.

He has brought rancor, hostility and infantile name-calling to what has always been a room of mature adults.

If a name acted that way, I would call a time out and send the tyke to his or her room for a time-out. Perhaps, when he has rethought his behavior in the cold light of day, Mr. Johnson will award himself a time-out.

By all means, stay in the group if you can behave like an adult. Otherwise, please go away and give the room back to those who are adults.

Gordon
K2GLW

[Non-text portions of this message have been removed]

28809. MODERATOR MESSAGE: STOP THREAD "Can't interface HRD!"

Yahoo group: FT897 (2010)
Date: 2010-01-11 04:11:11 UTC
From: w4wb
Topic: 28766 Message: 28809

Folks,

This thread is now way off-topic of reasonable FT-897 related topics. Kindly stop making further posts on "can't interface HRD."

Also, let me remind people that maintaining civility is of great importance in the forum. Our member calling another member an unexceptable name is simply not acceptable.

73 de Barry W4WB, Moderator

28810. Re:73, adieu, and thanks

Yahoo group: FT897 (2010)
Date: 2010-01-11 13:05:20 UTC
From: jdkopke
Topic: 28796 Message: 28810

That K3 sounds like a great rig. Maybe in the future when funds open up I'll check it out. For now I'm enjoying my 897 as an all purpose rig. Thanks for the info and enjoy.

-73 Dave [K0PKE]

28811. Computer security -- FINAL

Yahoo group: FT897 (2010)
Date: 2010-01-11 20:18:09 UTC
From: Dean Gibson AE7Q
Topic: 28766 Message: 28811

On 2010-01-10 14:38, Danny Loyd wrote:
> ... BTW best way to avoid viruses, etc. is to run Linux. Doesn't really matter which flavour you choose. There are hardly any viruses that can successfully infect a machine running Linux.
>

As a retired computer software developer who worked in the industry (including networking and network security) for 40+ years, and who also taught computer networking and related subjects at the University of Washington, I will say that there was more than a bit truth in both sides of the discussion.

As to the comment above by Danny, I only want to add that I run a number of computers (4 Windows desktops, 5 Linux servers), and I have only been hacked once. That was in 1999, using a defect in "BIND" (the software virtually EVERY Unix/Linux DNS server on the planet runs), on one of my Linux servers. My server was one of five used in a "leap-frog" attack on a bank, in an attempt to provide obscurity for the attacker. The bank called me at work (tracked me down from "WHOIS" information). Obscurity (like saying "it's just a home computer") is NEVER a good defense for security.

So, the moral of the story is, ANY computer on the Internet is a VERY REAL target to be hacked, and EVERYONE on the Internet needs a security plan (I think we can all agree on that). I will also add that there is a LOT of misinformation about security on the Internet (and that includes published articles). There's even misinformation about amateur radio! (grin)

As Barry has said, this is not the place to discuss this. If you have questions or comments about any of MY comments above, you can send them to me via Yahoo eMail (if you attempt to send direct to my Yahoo eMail address without using Yahoo, your eMail will bounce due to my spam filter).

Sincerely, Dean Gibson AE7Q
www.ae7q.net (where you will find several web pages relating to the FT-897)

28813. ALC and DIG mode problem ?

Yahoo group: FT897 (2010)
Date: 2010-01-11 13:58:05 UTC
From: gm7gax
Topic: 28813 Message: 28813

I noticed whilst transmitting psk32 data today on 20m that my ALC had nothing showing on TX and that my power supply was reading only approx 8.7v when tx'ing, I have checked all possible scenarios on other bands and ALC etc is fine and no voltage problems..All other settings seem okay..
Any thoughts ?

Bobby

28814. ft 897d uhf swr

Yahoo group: FT897 (2010)
Date: 2010-01-12 08:11:37 UTC
From: n5iz
Topic: 28814 Message: 28814

i notice on the meter setting when i got it on swr the uhf side show high swr.is that normal.are is there a setting for that.only does it when i'm in uhf mode..
73 ray n5iz

28815. Re: [FT897] ft 897d uhf swr

Yahoo group: FT897 (2010)
Date: 2010-01-12 12:31:45 UTC
From: Paul Harris
Topic: 28814 Message: 28815

Antenna mismatch or problems with coax cable cause high swr readings. Make a wire dipole for 440 mhz and try that. Paul KB2VEC

--- On Tue, 1/12/10, n5iz <raybrmly@...> wrote:

From: n5iz <raybrmly@...>
Subject: [FT897] ft 897d uhf swr
To: FT897@yahoogroups.com
Date: Tuesday, January 12, 2010, 3:11 AM

i notice on the meter setting when i got it on swr the uhf side show high swr.is that normal.are is there a setting for that.only does it when i'm in uhf mode..

73 ray n5iz

[Non-text portions of this message have been removed]

28816. Re: ALC and DIG mode problem ?

Yahoo group: FT897 (2010)
Date: 2010-01-12 18:26:43 UTC
From: Steve Yates
Topic: 28813 Message: 28816

It sounds like your power supply can't handle the current when on 20m, at least not at the power output you were trying to get. What supply are you using? The voltage drop could also be caused by a poor DC connection to the supply.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "gm7gax" <gm7gax@...> wrote:
>
> I noticed whilst transmitting psk32 data today on 20m that my ALC had nothing showing on TX and that my power supply was reading only approx 8.7v when tx'ing, I have checked all possible scenarios on other bands and ALC etc is fine and no voltage problems..All other settings seem okay..
> Any thoughts ?
>
> Bobby
>

28817. Re: ft 897d uhf swr

Yahoo group: FT897 (2010)
Date: 2010-01-12 18:30:10 UTC
From: Steve Yates
Topic: 28814 Message: 28817

Ray,

It is not normal. You may have a problem with the UHF side of your antenna system, and maybe your shift key too ;-)

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "n5iz" <raybrmly@...> wrote:
>
> i notice on the meter setting when i got it on swr the uhf side show high swr.is that normal.are is there a setting for that.only does it when i'm in uhf mode..
> 73 ray n5iz
>

28818. Re: ALC and DIG mode problem ?

Yahoo group: FT897 (2010)
Date: 2010-01-12 19:47:06 UTC
From: gm7gax
Topic: 28813 Message: 28818

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> It sounds like your power supply can't handle the current when on 20m, at least not at the power output you were trying to get. What supply are you using? The voltage drop could also be caused by a poor DC connection to the supply.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "gm7gax" <gm7gax@> wrote:
> >
> > I noticed whilst transmitting psk32 data today on 20m that my ALC had nothing showing on TX and that my power supply was reading only approx 8.7v when tx'ing, I have checked all possible scenarios on other bands and ALC etc is fine and no voltage problems..All other settings seem okay..
> > Any thoughts ?
> >
> > Bobby
> >
>

Steve,

Appreciate your reply.....

I went back to basics and dismantled everything, I then put it all together again and voila !! everything was back to normal.
I also removed soundcard, drivers and reinstalled both, a bit drastic but it worked, It looks like I may have a bad connection on my soundcard so I will replace this...
but to be perfectly honest,
I reverted to the onboard sound and no problem at all.
Conditions on 20m was pretty ropey today but managed to work a few contacts....
I'll keep an eye on this.
Thanks again for your input.

Bobby
GM7GAX

28819. Re: [FT897] Re: ALC and DIG mode problem ?

Yahoo group: FT897 (2010)
Date: 2010-01-12 20:57:28 UTC
From: Richard Corfield
Topic: 28813 Message: 28819

If your supply has a current meter check this too. Too much current draw can be a sign of problems in the radio.

- Richard

2010/1/12 Steve Yates <aa5tb@...>

>
>
> It sounds like your power supply can't handle the current when on 20m, at
> least not at the power output you were trying to get. What supply are you
> using? The voltage drop could also be caused by a poor DC connection to the
> supply.
>
> 73,
> Steve - AA5TB
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "gm7gax" <gm7gax@...>
> wrote:
> >
> > I noticed whilst transmitting psk32 data today on 20m that my ALC had
> nothing showing on TX and that my power supply was reading only approx 8.7v
> when tx'ing, I have checked all possible scenarios on other bands and ALC
> etc is fine and no voltage problems..All other settings seem okay..
> > Any thoughts ?
> >
> > Bobby
> >
>
>
>

[Non-text portions of this message have been removed]

28820. FT897 speaker replacement?

Yahoo group: FT897 (2010)
Date: 2010-01-12 15:18:04 UTC
From: cx7tt
Topic: 28820 Message: 28820

Other than going to the mothership, where can I find an exact, well almost, replacement for the internal speaker? I looked at Mouser and they had a PUI speaker, 8 ohms, about the same size but only good for less than 1 W. The manual shows 2.5 W but is that not the external speaker requirements? Other than that, anybody know the replacement cost from Yaesu?
73
Tom

28821. RE: [FT897] FT897 speaker replacement?

Yahoo group: FT897 (2010)
Date: 2010-01-13 05:11:00 UTC
From: Dennis
Topic: 28820 Message: 28821

Call them and ask - 1-714-827-7600. They can tell you. My guess, probably
less than $10.

Dennis - N8BMB

[Non-text portions of this message have been removed]

28822. Re: [FT897] Re: ALC and DIG mode problem ?

Yahoo group: FT897 (2010)
Date: 2010-01-14 18:58:36 UTC
From: Patrick Ouellette
Topic: 28813 Message: 28822

On Tue, Jan 12, 2010 at 07:47:06PM -0000, gm7gax wrote:
> --- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
> >
> > It sounds like your power supply can't handle the current when on 20m, at least not at the power output you were trying to get. What supply are you using? The voltage drop could also be caused by a poor DC connection to the supply.
> >
>
> Appreciate your reply.....
>
> I went back to basics and dismantled everything, I then put it all together again and voila !! everything was back to normal.
> I also removed soundcard, drivers and reinstalled both, a bit drastic but it worked, It looks like I may have a bad connection on my soundcard so I will replace this...
> but to be perfectly honest,
> I reverted to the onboard sound and no problem at all.
> Conditions on 20m was pretty ropey today but managed to work a few contacts....
> I'll keep an eye on this.
> Thanks again for your input.
>

I vote for stray RF getting into the power supply on 20m. I bet moving all the cables around caused some that were parallel and/or near each other to be separated far enough, or a poor ground connection that was corrected by the moves.

73,

Pat NE4PO

--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

28823. Repair Costs!

Yahoo group: FT897 (2010)
Date: 2010-01-15 00:26:32 UTC
From: Paul
Topic: 28823 Message: 28823

I sent my 897D to Yaesu for repairs,and I was told I need a new main board costing as much as the radio itself. Is there a better way or should I just sell the radio for parts. It is only 6yrs old.
Paul KB2VEC

28824. PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-15 00:34:39 UTC
From: cooneye2002
Topic: 28824 Message: 28824

Good evening everyone,

I am still havind trouble with PSK31. I have researched the archives and I find several different opinions on the settings for the 897D. Example.....3 different posts from 3 different individuals on the baud rate settings. I am using a data cable, similar to the one by G4ZLP.
I use HRD and Digipan. I use a HP G60 laptop. Could it be I need to configure the software? Could it be my laptop audio settings are not correct? If someone would be so kind as to give me a step by step method to get me back on the right road, I sure would appreciate it. Thanks in advance for your help.

Joe
KJ4CQC

28825. PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-15 01:01:04 UTC
From: cooneye2002
Topic: 28824 Message: 28825

Good evening everyone,

I am still havind trouble with PSK31. I have researched the archives and I find several different opinions on the settings for the 897D. Example.....3 different posts from 3 different individuals on the baud rate settings. I am using a data cable, similar to the one by G4ZLP.
I use HRD and Digipan. I use a HP G60 laptop. Could it be I need to configure the software? Could it be my laptop audio settings are not correct? If someone would be so kind as to give me a step by step method to get me back on the right road, I sure would appreciate it. Thanks in advance for your help.

Joe
KJ4CQC

28826. Re: PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-15 04:07:19 UTC
From: RicardoH
Topic: 28824 Message: 28826

Hi Joe,

I had a similar thread going I have not got PSK31 perfected yet, perseverance is the key. Two things posted on using the 897-D for PSK31 are:
from Jon KB1QBZ:

Configure your radio for the type of digital mode. As specified on page
39 of the FT-897 manual ("PSK Operation"), for PSK-31 you set the radio for digital (DIG). In addition, you set menu item 038 for PSK. Most people use PSK Upper Sideband (PSK-U), so try that setting.

FT-817 Radio Settings (should be just like the 897)

For PSK31 and other digital modes that use USB, you should set the FT-817 to "User-U" (see radio manual for menu setting) and select "Digi" mode to access it. This will allow you to operate without any unintentional frequency offset, and you will retain full use of the FT-817's I.F. filters.

I'm using a Signalink USB both Digipan and HRDs DM780, but I'm running on a Mac with the PC software in Parallels. My HF antenna is pretty poor (new ham) so I'm going to address that as my next step.

Ric KJ6DOY

28827. psk31

Yahoo group: FT897 (2010)
Date: 2010-01-14 00:59:07 UTC
From: KC2UPE
Topic: 14924 Message: 28827

is all i need to do this mode is a data cord and a cat cord with the proper software?

28828. Re: Repair Costs!

Yahoo group: FT897 (2010)
Date: 2010-01-15 02:59:35 UTC
From: David_J55
Topic: 28823 Message: 28828

Paul,

Buy a used radio and keep the old radio for parts.

Who knows, maybe there's an Elmer that has the time to fix it for a couple hundred dollars?

What's wrong with the unit and why is the motherboard bad?

73 de ki6fbx
David

--- In FT897@yahoogroups.com, "Paul" <kb2vec@...> wrote:
>
> I sent my 897D to Yaesu for repairs,and I was told I need a new main board costing as much as the radio itself. Is there a better way or should I just sell the radio for parts. It is only 6yrs old.
> Paul KB2VEC
>

28829. Re: psk31

Yahoo group: FT897 (2010)
Date: 2010-01-15 15:57:46 UTC
From: RicardoH
Topic: 14924 Message: 28829

The CAT cord is not mandatory, the data cord and the software are.

Ric kj6doy
--- In FT897@yahoogroups.com, "KC2UPE" <TUGBOAT001@...> wrote:
>
> is all i need to do this mode is a data cord and a cat cord with the proper software?
>

28830. Re:PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-15 17:34:00 UTC
From: Don Taylor
Topic: 28824 Message: 28830

On page 37 of the FT-897 and on page 39 of the ft-897D Operation Manual the connections to and from the computer and the radio are well described. However the two most impotent steps are not mentioned. But first a bit of General information. PSK is an AFSK mode and if done in SSB. That mean the information from the radio to the input of the computer sound card is an audio signal. The information from the sound card to the radio is also and audio signal. These signals are of course encoded for the transfer of letters rather then speech. The same is true for RTTY, SSTV, MFSK and all the other AFSK modes.

YAESU has included a special connection to and from the radio via the DATA connector which is a 6 pin MiniDin which supplies the RX output, the TX input and although not needed the PTT signal(s) for all modes of AFSK operation. YAESU placed the RX output of the radio to the sound card on pin 5 and made it a constant level signal that is not changed or affected by the volume control. You can copy PSK or RTTY, SSTV, MFSK and other signals with the volume set to Zero. The Input to the radio from the sound card is on pin 1and is the signal that will modulate the transmitter similar to the Mic input.

YAESU added a feature that is not well documented for the FT-857 and FT-897 called DIGITAL VOX (DIG VOX). The radio already has a VOX Function built in and all YAESU had to do was make it available to the DATA Connector input. This eliminated the need for a PTT control signal from the computer. Menu step 40 is the DIG VOX Sensitivity control and its default is set to Zero. Just enter the Menu and set the value to about 50. The radio will now switch to transmit every time the PSK software goes to transmit.

Now the only thing left to do is to set the level of the TX modulation which is done in Menu step 37 called DIG GAIN. The DIG GAIN default value is 50 which is way to high for PSK operation. Remember you can QSO the world with 10 to 20 Watts of transmit power so set the value to around 5 and check the power out. Adjust it until you have about 20 watts. This was very good planning on the part of YAESU as the DIG GAIN has no affect on the setting of the MIC Gain so you don't have to do any readjustments to go from one mode to the other.

There is only one more thing to do to get to the first QSO. You must to go to the Sound Card control panel and see that everything is set up and working. Because no two computers and sound cards are the same I can't tell you what to do here but you received a little booklet about the sound card when you bought it which will tell you how to get signals in and out of the thing.

One last point. It is good engineering to isolate the sound card and computer from the radio. The best way to do this is via two small and

inexpensive audio transformers that have a transformation radio of 1:1.

If anyone still needs help getting FT-857 or 897 or any other radios connected and running you can contact me directly at info@...

73

Don

DJoKM / K9SFN

[Non-text portions of this message have been removed]

28831. Re: [FT897] Re:PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-15 18:10:39 UTC
From: DavidN
Topic: 28824 Message: 28831

Don this is absolutely excellent information. Has answered a few questions I had and provided extra info too! Thanks for taking the time to type it out, well worth while!

Regards, David G4TUP.

On Fri, Jan 15, 2010 at 5:34 PM, Don Taylor <dj0km@...> wrote:

>
>
> On page 37 of the FT-897 and on page 39 of the ft-897D Operation Manual the
> connections to and from the computer and the radio are well described.
> However the two most impotent steps are not mentioned. But first a bit of
> General information. PSK is an AFSK mode and if done in SSB. That mean
> the information from the radio to the input of the computer sound card is
> an
> audio signal. The information from the sound card to the radio is also and
> audio signal. These signals are of course encoded for the transfer of
> letters rather then speech. The same is true for RTTY, SSTV, MFSK and all
> the other AFSK modes.
>
> YAESU has included a special connection to and from the radio via the DATA
> connector which is a 6 pin MiniDin which supplies the RX output, the TX
> input and although not needed the PTT signal(s) for all modes of AFSK
> operation. YAESU placed the RX output of the radio to the sound card on pin
> 5 and made it a constant level signal that is not changed or affected by
> the
> volume control. You can copy PSK or RTTY, SSTV, MFSK and other signals with
> the volume set to Zero. The Input to the radio from the sound card is on
> pin 1and is the signal that will modulate the transmitter similar to the
> Mic
> input.
>
> YAESU added a feature that is not well documented for the FT-857 and FT-897
> called DIGITAL VOX (DIG VOX). The radio already has a VOX Function built in
> and all YAESU had to do was make it available to the DATA Connector input.
> This eliminated the need for a PTT control signal from the computer. Menu
> step 40 is the DIG VOX Sensitivity control and its default is set to Zero.
> Just enter the Menu and set the value to about 50. The radio will now
> switch to transmit every time the PSK software goes to transmit.
>
> Now the only thing left to do is to set the level of the TX modulation
> which
> is done in Menu step 37 called DIG GAIN. The DIG GAIN default value is 50
> which is way to high for PSK operation. Remember you can QSO the world with
> 10 to 20 Watts of transmit power so set the value to around 5 and check the

> power out. Adjust it until you have about 20 watts. This was very good
> planning on the part of YAESU as the DIG GAIN has no affect on the setting
> of the MIC Gain so you don't have to do any readjustments to go from one
> mode to the other.
>
> There is only one more thing to do to get to the first QSO. You must to go
> to the Sound Card control panel and see that everything is set up and
> working. Because no two computers and sound cards are the same I can't tell
> you what to do here but you received a little booklet about the sound card
> when you bought it which will tell you how to get signals in and out of the
> thing.
>
> One last point. It is good engineering to isolate the sound card and
> computer from the radio. The best way to do this is via two small and
> inexpensive audio transformers that have a transformation radio of 1:1.
>
> If anyone still needs help getting FT-857 or 897 or any other radios
> connected and running you can contact me directly at
info@garant-funk.de<info%40garant-funk.de>
>
> 73
>
> Don
>
> DJoKM / K9SFN
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28832. ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-15 18:36:09 UTC
From: n5iz
Topic: 28832 Message: 28832

i have a ft 897 and on uhf band it has high swr..does any one know how to calalated the swr bars.what each one stand for as swr signal..first bar 1.1 swr so on..
73 ray n5iz

28833. Re: [FT897] ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-15 23:13:02 UTC
From: Carl Wulfestieg
Topic: 28832 Message: 28833

Ray-

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "MESSAGES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT Electronics http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28834. Re:PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-16 00:28:06 UTC
From: cooneye2002
Topic: 28824 Message: 28834

Hi Don,
Thank you so much for your time and invaluable information.
Joe
KJ4CQC

--- In FT897@yahoogroups.com, "Don Taylor" <dj0km@...> wrote:
>
> On page 37 of the FT-897 and on page 39 of the ft-897D Operation Manual the
> connections to and from the computer and the radio are well described.
> However the two most impotent steps are not mentioned. But first a bit of
> General information. PSK is an AFSK mode and if done in SSB. That mean
> the information from the radio to the input of the computer sound card is an
> audio signal. The information from the sound card to the radio is also and
> audio signal. These signals are of course encoded for the transfer of
> letters rather then speech. The same is true for RTTY, SSTV, MFSK and all
> the other AFSK modes.
>
>
>
> YAESU has included a special connection to and from the radio via the DATA
> connector which is a 6 pin MiniDin which supplies the RX output, the TX
> input and although not needed the PTT signal(s) for all modes of AFSK
> operation. YAESU placed the RX output of the radio to the sound card on pin
> 5 and made it a constant level signal that is not changed or affected by the
> volume control. You can copy PSK or RTTY, SSTV, MFSK and other signals with
> the volume set to Zero. The Input to the radio from the sound card is on
> pin 1and is the signal that will modulate the transmitter similar to the Mic
> input.
>
>
>
> YAESU added a feature that is not well documented for the FT-857 and FT-897
> called DIGITAL VOX (DIG VOX). The radio already has a VOX Function built in
> and all YAESU had to do was make it available to the DATA Connector input.
> This eliminated the need for a PTT control signal from the computer. Menu
> step 40 is the DIG VOX Sensitivity control and its default is set to Zero.
> Just enter the Menu and set the value to about 50. The radio will now
> switch to transmit every time the PSK software goes to transmit.
>
>
>
> Now the only thing left to do is to set the level of the TX modulation which
> is done in Menu step 37 called DIG GAIN. The DIG GAIN default value is 50
> which is way to high for PSK operation. Remember you can QSO the world with
> 10 to 20 Watts of transmit power so set the value to around 5 and check the

> power out. Adjust it until you have about 20 watts. This was very good
> planning on the part of YAESU as the DIG GAIN has no affect on the setting
> of the MIC Gain so you don't have to do any readjustments to go from one
> mode to the other.
>
>
>
> There is only one more thing to do to get to the first QSO. You must to go
> to the Sound Card control panel and see that everything is set up and
> working. Because no two computers and sound cards are the same I can't tell
> you what to do here but you received a little booklet about the sound card
> when you bought it which will tell you how to get signals in and out of the
> thing.
>
>
>
> One last point. It is good engineering to isolate the sound card and
> computer from the radio. The best way to do this is via two small and
> inexpensive audio transformers that have a transformation radio of 1:1.
>
>
>
> If anyone still needs help getting FT-857 or 897 or any other radios
> connected and running you can contact me directly at info@...
>
>
>
> 73
>
> Don
>
> DJoKM / K9SFN
>
>
>
> [Non-text portions of this message have been removed]
>

28835. Re: ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-16 01:06:56 UTC
From: willgord
Topic: 28832 Message: 28835

Same $49 buys an FT-meter made by LDG specifically for the 897 and 857. Ordered it mid-afternoon one day from Ham Radio Outlet and had it installed and metering by supper time the next day. It plugs into the outlet under the rig, toward the right side.

It does need DC power to illuminate the meter. I use an external power supply for the 897D. You plug the line for illumination into the back of the meter. That leaves you with a red line and a black line to be connected to something putting out DC. Slipped the black line into the black terminal of the power supply and the red line into the red terminal of the power supply and I had an illuminated meter.

Can't really work PSK31 without a good meter. The trick is to provide just enough power so your signal gets out but doesn't activate the ALC. I use SignaLink USB. I rev up the transmit level of the interface until it crosses the ALC threshhold, then back off transmit until the needle falls just below the ALC threshhold when you transmit.

Gordon
K2GLW
K2GLW

--- In FT897@...m, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Ray-
>
> FT-897 Bar Display Explanation
>
> Sign in to the FT-897 Yahoo Group
> Click on "MESSAGES"
> Search for Message 5278 - You'll find more than you ever wanted to know!
>
> I forgot to mention the really simple answer. Go to W4RT Electronics
> http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).
>
> Good Luck
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
>
>
> [Non-text portions of this message have been removed]
>

28836. Re: [FT897] Re: psk31

Yahoo group: FT897 (2010)
Date: 2010-01-16 02:21:04 UTC
From: Danny Loyd
Topic: 14924 Message: 28836

I run directly from the radio data jack to the PC soundcard right now with pretty good results. Have not made the Signalink investment yet.

Danny
KE5WDI

From: RicardoH <huang_wan@...m>
To: FT897@yahoogroups.com
Sent: Fri, January 15, 2010 9:57:46 AM
Subject: [FT897] Re: psk31

The CAT cord is not mandatory, the data cord and the software are.

Ric kj6doy
--- In FT897@yahoogroups. com, "KC2UPE" <TUGBOAT001@ ...> wrote:
>
> is all i need to do this mode is a data cord and a cat cord with the proper software?
>

[Non-text portions of this message have been removed]

28837. Re: [FT897] Re: ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-16 09:27:51 UTC
From: Carl Wulfestieg
Topic: 28832 Message: 28837

Gordon-
That's the meter I'm talking about. So you bought it from HRO for $49? Well, W4RT Electronics is selling the same LDG FT-Meter for $45.99 Go to: http://www.w4rt.com (I hope I got it right this time)
They also have a larger meter, LDG FTL-Meter (4.5" instead of 2.5" face) for $74.99!
73 Carl WZ4CW

[Non-text portions of this message have been removed]

28838. Re:PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-16 11:13:07 UTC
From: JonP
Topic: 28824 Message: 28838

Don,

Thanks for the great description of the pieces left out of the manual. I for one hadn't realized how Digital VOX played a role.

However, I think that the digital gain value has to be explained just a little further. It appears that your setting of 5 works well for you, but the setting in any individual case is going to depend on the computer, on the computer's output volume, and on the interface. For example, on my FT-897 when I was running an older Dell laptop, I needed:

- About a 27 setting when running the computer's Master Volume at about 4/10ths with a RIGblaster Plug&Play

- About an 18 setting when running with a SignaLink whose transmit gain was set at 50% and the computer's Master Volume at about 4/10ths.

I recently switched to a small Acer netbook and my Digital Gain settings are now 35 and 45 respectively because the Acer's output is not as powerful as was the Dell's.

With both of the laptops, I was of course using the Headphone Out jack to drive the transmitter. When I tried using the Line Out jack on a desktop, I had to set the Digital gain up into the 70% range (with the Master Volume up in the 8/10ths range) because the Line Out delivers output at a much lower power than does the Headphone Out.

There have been various discussions on this board of how to set the volume controls. I have found that what works best for me is to set the computer's Master Volume at 40% (4/10ths), set the SignaLink at about 50% (if I'm using a SignaLink), set the rig's Digital Gain at 0, and then try a transmission while looking at the output power (using the built-in power meter in the rig). Then increase the Digital Gain a bit and try another transmission. Every time I increase the Digital Gain, my output power will increase (duh), but only up to a point. Beyond that, increasing the Digital Gain will not increase output power. The Digital Gain at the point where I get no more benefit seems to give me a low ALC reading (and we want a low ALC reading) and a pretty clean signal (as reported by other stations).

In general, I've found that it's best to not have an extreme setting on any of the two or three variables (Digital Gain, computer Master Volume, SignaLink gain) -- as my output is reported as reasonably clean, but not quite as clean as if the settings are in "moderate" ranges.

Jon, KB1QBZ

28839. Re: ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-16 12:06:43 UTC
From: willgord
Topic: 28832 Message: 28839

Okay, they are undercutting HRO by $5 on the LDG meter. On the other hand, I get whatever I order from HRO the next business day and once I want something, I want it. But I have heard good things about W4RT and have thought of ordering the SSB filter from them.

Gordon
K2GLW
--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Gordon-
> That's the meter I'm talking about. So you bought it from HRO for $49? Well, W4RT Electronics is selling the same LDG FT-Meter for $45.99 Go to: http://www.w4rt.com (I hope I got it right this time)
> They also have a larger meter, LDG FTL-Meter (4.5" instead of 2.5" face) for $74.99!
> 73 Carl WZ4CW
>
>
> [Non-text portions of this message have been removed]
>

28840. LDG FT METER

Yahoo group: FT897 (2010)
Date: 2010-01-16 19:51:13 UTC
From: n5iz
Topic: 28840 Message: 28840

will it check uhf swr..thats all i wanted to know and what little mark on radio repesent swr.like first mark is 1.1 and so on..
73 ray n5iz

28841. Re: LDG FT METER

Yahoo group: FT897 (2010)
Date: 2010-01-16 23:34:28 UTC
From: Hank
Topic: 28840 Message: 28841

Yes it will. The FT-Meter is set in the menu of the FT-897. I currently have my external meter set for receive signal on RX and SWR on TX. The built in meter on the radio is set for receive signal on RX also, but modulation on TX.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "n5iz" <raybrmly@...> wrote:
>
> will it check uhf swr..thats all i wanted to know and what little mark on radio repesent swr.like first mark is 1.1 and so on..
> 73 ray n5iz
>

28842. VHF/UHF Antenna tuner

Yahoo group: FT897 (2010)
Date: 2010-01-17 07:02:17 UTC
From: MM Ali
Topic: 28842 Message: 28842

Dears,

Can someone help me with the make/model number of a automatic vhf/uhf antenna tuner for use with FT 897. willing to buy new or good condition used ones.

Best Regards

MM Ali/vu2ali

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4778 (20100116) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

28843. Re: [FT897] VHF/UHF Antenna tuner

Yahoo group: FT897 (2010)
Date: 2010-01-17 13:35:59 UTC
From: Carl Wulfestieg
Topic: 28842 Message: 28843

MM Ali-
In most cases, a tuner is not needed for the vhf/uhf antenna. This is because antennas have been designed for the band and are broad enough that retuning is not necessary. Are you interested in a base or mobile antenna? What are the frequencies for the vhf and uhf bands at your location? Are you interested in a vertical or horizontal antenna? Does your FT-897 have UHF or N connectors? This is some of the information needed to select a make and model of antenna.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

28844. Re: [FT897] ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-16 10:05:55 UTC
From: Tom Ahola
Topic: 28832 Message: 28844

Hi all!

I uploaded a file "ft897_scales.pdf" to the files section
(http://groups.yahoo.com/group/FT897/files/).
You could print it on a sticker to put on your radio, memorize it or whatever. I don't take any credits or responsibility of the accuracy or correctness of these scales. Many thanks to VA3RSA for the investigation of the scales and posting the detailed results to this group. The user interface of the 897 could be improved in many ways in addition to including scale values. It would be interesting to hack the radio and make an improved firmware. Well, anyhow I hope you find my scales useful.

73 Tom OH2FRM

28845. Re: [FT897] ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-17 20:17:28 UTC
From: Carl Wulfestieg
Topic: 28832 Message: 28845

Tom and Others-

The scales as posted don't agree with my actual views of the FT-897 bar scale and the LDG meter in front of me. Once again, if you want an explanation of the FT-897 bar scale then do the following.

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "MESSAGES"
Search for Message 5278 - You'll find more than you ever wanted to know!

Also, once again, do it the easy way-

Go to W4RT Electronics- http://www.w4rt.com ,
buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart). They also have a larger meter, LDG FTL-Meter (4.5" instead of 2.5" face) for $74.99!

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28846. Re: VHF/UHF Antenna tuner

Yahoo group: FT897 (2010)
Date: 2010-01-17 23:31:41 UTC
From: oldmayorkd5lbe
Topic: 28842 Message: 28846

From KD5LBE .... Sewart

If you are using FM get a mag mount and you can use it in your car or in the house and they are good for VHF or UHF. The easiest antenna that a HAM car build is an antenna built for these bands FM as long as you have or can borrow a SWR analyzer meter. If you are going to do CW, SSB, or satellite the suggestions end

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> MM Ali-
> In most cases, a tuner is not needed for the vhf/uhf antenna. This is because antennas have been designed for the band and are broad enough that retuning is not necessary. Are you interested in a base or mobile antenna? What are the frequencies for the vhf and uhf bands at your location? Are you interested in a vertical or horizontal antenna? Does your FT-897 have UHF or N connectors? This is some of the information needed to select a make and model of antenna.
> 73 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>

28847. Re: [FT897] VHF/UHF Antenna tuner

Yahoo group: FT897 (2010)
Date: 2010-01-18 00:31:19 UTC
From: Mike Rhodes
Topic: 28842 Message: 28847

You may want to reconsider the use of a tuner at VHF and especially at UHF frequencies. Take a look at this link <http://www.ocarc.ca/coax.htm> to see what a mismatch that is large enough to require a tuner will cost you in BOTH transmit and receive signal strength, not counting whatever losses you incur in the tuner itself! A 2.5:1 SWR on 432mHz will cost you 3db in 50 feet of RG-213 and you will still loose that plus some with a tuner in line.

Mike / W8DN

****

MM Ali wrote:
>
>
>
> Dears,
>
> Can someone help me with the make/model number of a automatic vhf/uhf
> antenna tuner for use with FT 897. willing to buy new or good
> condition used ones.
>
> Best Regards
>
> MM Ali/vu2ali
>
> _____ Information from ESET NOD32 Antivirus, version of virus
> signature database 4778 (20100116) _____
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com <http://www.eset.com>
>
> [Non-text portions of this message have been removed]
>
>

28848. Buttons Not Responding

Yahoo group: FT897 (2010)
Date: 2010-01-18 03:11:54 UTC
From: dniitani
Topic: 28848 Message: 28848

Hi All,

Is it time to send my unit in for repair? While pressing the band buttons. I heard a loud tone. And now both the Mode and Band buttons does not respond while being depressed. Cat control is able to change band and mode. Any Ideas as to how to return the buttons back to normal operation, or do I need to send it in for repair?

28849. Re: [FT897] ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-18 17:02:10 UTC
From: Tom Ahola
Topic: 28832 Message: 28849

I re-checked my scales and found nothing wrong. Carl, could you specify what does not agree. My scales are based on the same function mentioned in message 5278. The values are rounded and the lower part of the SWR has a slight unorthodox rounding (to have monotonic gradient) but the error is still less than 0.1. Maybe your FT-meter is inaccurate? Analog meters can be sometimes. Bear in mind that neither the FT-897 nor the FT-Meter are calibrated measurement equipment but merely indicators. The actual SWR and power can be off by more than small scale errors. Having an external additional meter to the FT-897 does not fit my purpose of having a portable rig. Knowing the scales of the radio saves money and space. Sorry for my opinion, hope you are not affiliated with W4RT :)

I made a slight adjustment to the scales and re-uploaded. Now only one of the low SWR values have unorthodox rounding instead of two. Enjoy!

73 OH2FRM Tom

28850. Re: [FT897] VHF/UHF Antenna tuner

Yahoo group: FT897 (2010)
Date: 2010-01-18 17:04:56 UTC
From: Tom Ahola
Topic: 28842 Message: 28850

I second the suggestion of Mike / W8DN. Try to avoid a tuner between radio and feed cable at high frequencies. A tuner does not eliminate SWR in the feed cable, only SWR seen by the radio. The power bounces back and forth between antenna and tuner until it has radiated out or turned into heat. With high frequencies cable losses increase and a larger part will be the heat, which you probably don't want. So with VHF/UHF the matching circuit (tuner) should be up in the antenna and most likely is part of the antenna itself if the antenna is not correct impedance as it is. So get a proper antenna and don't use a tuner. It is cheaper that way too.

73 OH2FRM Tom

28851. Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-18 19:49:21 UTC
From: Dave Nelson
Topic: 28851 Message: 28851

I disagree,

If you have a 2.5 to 1 SWR, FIX THE ANTENNA its obviously seriously
out of tune and should be tuned properly before use
At I have stated here and in other forums using an antenna tuner just hides
the problem and makes the tranceiver think all is ok by it seeing a
good load.
BUT the antenna is STILL out of tune and is NOT efficient Fix the antenna
!!! :)

I have Never used a tuner on VHF (50MHz) and higher bands I build / buy
antennae that are tuned correctly for the freq of use.

cheers
Dave
VK2TDN

At 09:44 AM 1/18/2010 +0000, you wrote:
>1c. Re: VHF/UHF Antenna tuner
> Posted by: "Mike Rhodes" w8dn@... weightdn
> Date: Sun Jan 17, 2010 4:31 pm ((PST))
>
>You may want to reconsider the use of a tuner at VHF and especially at
>UHF frequencies. Take a look at this link <http://www.ocarc.ca/coax.htm>
>to see what a mismatch that is large enough to require a tuner will cost
>you in BOTH transmit and receive signal strength, not counting whatever
>losses you incur in the tuner itself! A 2.5:1 SWR on 432mHz will cost
>you 3db in 50 feet of RG-213 and you will still loose that plus some
>with a tuner in line.
>
>Mike / W8DN

28852. 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 20:38:22 UTC
From: PY5VB-Villas Boas
Topic: 28842 Message: 28852

Hi:

My friend (PY2LE) have a new FT857D (serial 660326) that have a N connector in VHF/UHF side and TX 144/148 (50W), 220/225 (20W), 420/440MHz (20W).
My FT897D have a UHF conector in VHF/UHF side and not RX/TX 220MHz band.
Have a new FT857D/897D models ?
(Sry my english)
73, Villas - PY5VB

28853. Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-18 20:50:42 UTC
From: Erwin
Topic: 28851 Message: 28853

Dave, you are 100% right !
If you need to try to use a tuner on 6m/2m/70cm you are on the wrong way. Nowadays the antenna designs are so well (f.e. DK7ZB) that you do not need a tuner in any way.I built all my antennas on my own to designers advice on web and all matched 100% with a super VSWR.
If you are sure your antenna is working try to use a other length of coax cable maybe you have a critical lamda length. Just add another length to see if your VSWR is going better or worse.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, Dave Nelson <dave.nelson@...> wrote:
>
> I disagree,
>
> If you have a 2.5 to 1 SWR, FIX THE ANTENNA its obviously seriously
> out of tune and should be tuned properly before use
> At I have stated here and in other forums using an antenna tuner just hides
> the problem and makes the tranceiver think all is ok by it seeing a
> good load.
> BUT the antenna is STILL out of tune and is NOT efficient Fix the antenna
> !!! :)
>
> I have Never used a tuner on VHF (50MHz) and higher bands I build / buy
> antennae that are tuned correctly for the freq of use.
>
> cheers
> Dave
> VK2TDN
>
>
>
>
> At 09:44 AM 1/18/2010 +0000, you wrote:
> >1c. Re: VHF/UHF Antenna tuner
> > Posted by: "Mike Rhodes" w8dn@... weightdn
> > Date: Sun Jan 17, 2010 4:31 pm ((PST))
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> >You may want to reconsider the use of a tuner at VHF and especially at
> >UHF frequencies. Take a look at this link <http://www.ocarc.ca/coax.htm>
> >to see what a mismatch that is large enough to require a tuner will cost
> >you in BOTH transmit and receive signal strength, not counting whatever
> >losses you incur in the tuner itself! A 2.5:1 SWR on 432mHz will cost
> >you 3db in 50 feet of RG-213 and you will still loose that plus some
> >with a tuner in line.

> >
> >Mike / W8DN
>

28854. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 20:52:45 UTC
From: Joe
Topic: 28842 Message: 28854

Must be something specific to the European models as the US models do NOT have 220 Mhz. Wish they did!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "PY5VB-Villas Boas" <py5vb@...>
Subject: [FT897] 879D in 220MHz Band ?

> Hi:
>
> My friend (PY2LE) have a new FT857D (serial 660326) that have a N
> connector in VHF/UHF side and TX 144/148 (50W), 220/225 (20W),
> 420/440MHz (20W).
> My FT897D have a UHF conector in VHF/UHF side and not RX/TX 220MHz band.

28855. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 21:36:45 UTC
From: Paul Harris
Topic: 28842 Message: 28855

222MHZ band is only in North and South America Paul KB2VEC

--- On Mon, 1/18/10, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@...>
Subject: Re: [FT897] 879D in 220MHz Band ?
To: FT897@yahoogroups.com
Date: Monday, January 18, 2010, 3:52 PM

Must be something specific to the European models as the US models do NOT

have 220 Mhz. Wish they did!

Joe Wolfe

WA6RKN

Reno, Nevada

----- Original Message -----

From: "PY5VB-Villas Boas" <py5vb@yahoo. com.br>

Subject: [FT897] 879D in 220MHz Band ?

> Hi:

>

> My friend (PY2LE) have a new FT857D (serial 660326) that have a N

> connector in VHF/UHF side and TX 144/148 (50W), 220/225 (20W),

> 420/440MHz (20W).

> My FT897D have a UHF conector in VHF/UHF side and not RX/TX 220MHz band.

[Non-text portions of this message have been removed]

28856. Re: [FT897] Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-18 22:24:03 UTC
From: Gary Altig
Topic: 28851 Message: 28856

DE N7UVL,
$.02 worth: If/When using an antenna such as a Yagi cut for
the SSB frequencies, you may need a tuner for the FM frequencies.
The antennas that are cut for a specific purpose, such as Satcomm
and SSB, sometimes have a narrower band width promoting gain
concepts over broad banding concepts. But then there are usually
polarization concept differences between those uses and FM also./ga

----- Original Message -----
From: Erwin<mailto:wini.witt@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, January 18, 2010 12:50 PM
Subject: [FT897] Re: VHF-UHF Tuner

Dave, you are 100% right !
If you need to try to use a tuner on 6m/2m/70cm you are on the wrong way. Nowadays the antenna designs are so well (f.e. DK7ZB) that you do not need a tuner in any way.I built all my antennas on my own to designers advice on web and all matched 100% with a super VSWR.
If you are sure your antenna is working try to use a other length of coax cable maybe you have a critical lamda length. Just add another length to see if your VSWR is going better or worse.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, Dave Nelson
<dave.nelson@...> wrote:
>
> I disagree,
>
> If you have a 2.5 to 1 SWR, FIX THE ANTENNA its obviously seriously
> out of tune and should be tuned properly before use
> At I have stated here and in other forums using an antenna tuner just hides
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> BUT the antenna is STILL out of tune and is NOT efficient Fix the antenna
> !!! :)
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> I have Never used a tuner on VHF (50MHz) and higher bands I build / buy
> antennae that are tuned correctly for the freq of use.
>
> cheers
> Dave
> VK2TDN
>
>

>
>
> At 09:44 AM 1/18/2010 +0000, you wrote:
> >1c. Re: VHF/UHF Antenna tuner
> > Posted by: "Mike Rhodes" w8dn@... weightdn
> > Date: Sun Jan 17, 2010 4:31 pm ((PST))
> >
> >You may want to reconsider the use of a tuner at VHF and especially at
> >UHF frequencies. Take a look at this link
<http://www.ocarc.ca/coax.htm<http://www.ocarc.ca/coax.htm>>
> >to see what a mismatch that is large enough to require a tuner will cost
> >you in BOTH transmit and receive signal strength, not counting whatever
> >losses you incur in the tuner itself! A 2.5:1 SWR on 432mHz will cost
> >you 3db in 50 feet of RG-213 and you will still loose that plus some
> >with a tuner in line.
> >
> >Mike / W8DN
>

[Non-text portions of this message have been removed]

28857. Re: ft 897 swr

Yahoo group: FT897 (2010)
Date: 2010-01-18 22:46:08 UTC
From: Jim in Downers Grove
Topic: 28832 Message: 28857

If you are looking for an endorsement of W4RT, I can happily give one. I have purchased their products direct and through distributors and have found them excellent.

My direct dealings with W4RT have been very good.

Jim - KC9AOP

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
>
> Okay, they are undercutting HRO by $5 on the LDG meter. On the other hand, I get whatever I order from HRO the next business day and once I want something, I want it. But I have heard good things about W4RT and have thought of ordering the SSB filter from them.
>
> Gordon
> K2GLW
> --- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@> wrote:
> >
> > Gordon-
> > That's the meter I'm talking about. So you bought it from HRO for $49? Well, W4RT Electronics is selling the same LDG FT-Meter for $45.99 Go to: http://www.w4rt.com (I hope I got it right this time)
> > They also have a larger meter, LDG FTL-Meter (4.5" instead of 2.5" face) for $74.99!
> > 73 Carl WZ4CW
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

28858. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 23:12:53 UTC
From: Joe
Topic: 28842 Message: 28858

I would beg to differ....The FT-897D does NOT have 220 Mhz......perhaps you are thinking of 60 meters...the European radio does not have that capability (I don't think) but the "D" model FT-897 and the "D" model FT-857 has the 5 channel pre-programmed.

The new FTM-350R dual band DOES have 220 capability but only 1 watt.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Paul Harris" <kb2vec@...>
To: <FT897@yahoogroups.com>
Sent: Monday, January 18, 2010 1:36 PM
Subject: Re: [FT897] 879D in 220MHz Band ?

222MHZ band is only in North and South America Paul KB2VEC

28859. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 23:46:13 UTC
From: PY5VB-Villas Boas
Topic: 28842 Message: 28859

No, I think isn´t European model, because the 2M band plan:
145.1 to 145.5 - shift
146.0 to 146.4 + shift
146.6 to 146.9 - shift
147.0 to 147.4 + shift
147.6 to 148.0 - shift

And 2M band plan in European version is:
145.6 to 145.8 - shift

see page 32 "FT-897 Operating Manual" in box "ARS Repeater Subbands" :
Version "A"

And about "N" connector in VHF/UHF Port ?

Villas

Joe escreveu:
>
>
> Must be something specific to the European models as the US models do NOT
> have 220 Mhz. Wish they did!
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "PY5VB-Villas Boas" <py5vb@...
> <mailto:py5vb%40yahoo.com.br>>
> Subject: [FT897] 879D in 220MHz Band ?
>
> > Hi:
> >
> > My friend (PY2LE) have a new FT857D (serial 660326) that have a N
> > connector in VHF/UHF side and TX 144/148 (50W), 220/225 (20W),
> > 420/440MHz (20W).
> > My FT897D have a UHF conector in VHF/UHF side and not RX/TX 220MHz band.
>
>

28860. Re: [FT897] Re: Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-01-19 03:58:18 UTC
From: Edward Maikranz
Topic: 28738 Message: 28860

Hi Mike.
did you get the 897 back yet?
Ed

On Tue, Jan 5, 2010 at 8:13 AM, Michael Noble <Michael_MSN@...> wrote:

>
> Hi Ed,
>
>
>
> Ill be happy to, however, if you dont hear back from me in a couple weeks
> please send me a reminder to jog my memory. Is yours a D model? I have done
> a lot of research and have not found anyone complaining of the same problem.
> Mine was about 90% deaf on VHF possibly UHF but HF was fine, if my ProII
> coould hear it on HF then the 897 could albiet not as pleasantly. Is yours
> the same, meaning not totally deaf but close. I also asked them to properly
> realign the radio as i have heard many complaining that the factory initial
> alignments were horrible. Its too bad the warranty has expired.
>
>
>
> Thanks,
>
> Mike
>
> W8GMC
>
> 73
>
>
>
>
>
> To: FT897@yahoogroups.com
> From: maikranze@...
> Date: Mon, 4 Jan 2010 20:02:36 +0000
> Subject: [FT897] Re: Yeasu repair turn around Time
>
>
>
>
>
> Mike,
> If you dont mind could you drop me a line when you get yours back and let

> me know what was wrong and what the repair bill was?
> Mine has the same problem.
> thanks,
> Ed
> KG5UN
> I sent this earlier but it went from my wife's account.
> If you dont mind please reply here.
> thanks,
> Ed
>
> --- In FT897@yahoogroups.com, "kc8fws" <Michael_MSN@...> wrote:
> >
> > Hi All,
> >
> > Great group here. I sent my 897D back to Yeasu last week for service (was
> deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so,
> if you dont mind my asking, what was thier turn around time?
> >
> > Thanks,
> > Mike
> > W8GMC
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>

[Non-text portions of this message have been removed]

28861. RE: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-19 08:07:29 UTC
From: Geoff Blake
Topic: 28842 Message: 28861

Further to Joe's input, why would European FT897's have 220 MHz, as KB2VEC said, we don't have a 220 MHz band!

Geoff, G8GNZ
-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Joe
Sent: 18 January 2010 23:13
To: FT897@yahoogroups.com
Subject: Re: [FT897] 879D in 220MHz Band ?

I would beg to differ....The FT-897D does NOT have 220 Mhz......perhaps you are thinking of 60 meters...the European radio does not have that capability (I don't think) but the "D" model FT-897 and the "D" model FT-857 has the 5 channel pre-programmed.

The new FTM-350R dual band DOES have 220 capability but only 1 watt.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Paul Harris" <kb2vec@...m>
To: <FT897@yahoogroups.com>
Sent: Monday, January 18, 2010 1:36 PM
Subject: Re: [FT897] 879D in 220MHz Band ?

222MHZ band is only in North and South America Paul KB2VEC

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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and is intended solely for the addressee(s). If you are not
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of the sender.

28862. Re:PSK31 and the 897D

Yahoo group: FT897 (2010)
Date: 2010-01-19 11:00:03 UTC
From: Don Taylor
Topic: 28824 Message: 28862

Jon your absolutely right. I selected the number 5 for DIG GAIN to let the TX generate a bit of power and then suggested that it should be adjusted to give the necessary or desired power.

Thanks for the heads up.

Don

dj0km / k9sfn

[Non-text portions of this message have been removed]

28863. Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-19 16:05:20 UTC
From: Erwin
Topic: 28851 Message: 28863

Haven't seen so sharp antennas that you can't use for SSB/FM freq. together because of bad VSWR. All my antennas have min. 2MHz bandwidth - I mean my 2m versions. All other designers that I know G0GSK/YU7EF/ DK6BU/Tonna....cover minimum fe. 2m 144-146MHz with a reasonable VSWR.

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> $.02 worth: If/When using an antenna such as a Yagi cut for
> the SSB frequencies, you may need a tuner for the FM frequencies.
> The antennas that are cut for a specific purpose, such as Satcomm
> and SSB, sometimes have a narrower band width promoting gain
> concepts over broad banding concepts. But then there are usually
> polarization concept differences between those uses and FM also./ga
>
> ----- Original Message -----
> From: Erwin<mailto:wini.witt@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Monday, January 18, 2010 12:50 PM
> Subject: [FT897] Re: VHF-UHF Tuner
>
>
>
> Dave, you are 100% right !
> If you need to try to use a tuner on 6m/2m/70cm you are on the wrong way. Nowadays the antenna designs are so well (f.e. DK7ZB) that you do not need a tuner in any way.I built all my antennas on my own to designers advice on web and all matched 100% with a super VSWR.
> If you are sure your antenna is working try to use a other length of coax cable maybe you have a critical lamda length. Just add another length to see if your VSWR is going better or worse.
>
> 73's Erwin/DK5EW
>
> --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, Dave Nelson <dave.nelson@> wrote:
> >
> > I disagree,
> >
> > If you have a 2.5 to 1 SWR, FIX THE ANTENNA its obviously seriously
> > out of tune and should be tuned properly before use
> > At I have stated here and in other forums using an antenna tuner just hides
> > the problem and makes the tranceiver think all is ok by it seeing a
> > good load.
> > BUT the antenna is STILL out of tune and is NOT efficient Fix the antenna

> > !!! :)
> >
> > I have Never used a tuner on VHF (50MHz) and higher bands I build / buy
> > antennae that are tuned correctly for the freq of use.
> >
> > cheers
> > Dave
> > VK2TDN
> >
> >
> >
> >
> > At 09:44 AM 1/18/2010 +0000, you wrote:
> > >1c. Re: VHF/UHF Antenna tuner
> > > Posted by: "Mike Rhodes" w8dn@ weightdn
> > > Date: Sun Jan 17, 2010 4:31 pm ((PST))
> > >
> > >You may want to reconsider the use of a tuner at VHF and especially at
> > >UHF frequencies. Take a look at this link
<http://www.ocarc.ca/coax.htm<http://www.ocarc.ca/coax.htm>>
> > >to see what a mismatch that is large enough to require a tuner will cost
> > >you in BOTH transmit and receive signal strength, not counting whatever
> > >losses you incur in the tuner itself! A 2.5:1 SWR on 432mHz will cost
> > >you 3db in 50 feet of RG-213 and you will still loose that plus some
> > >with a tuner in line.
> > >
> > >Mike / W8DN
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28864. Re: [FT897] Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-19 19:28:41 UTC
From: Charles Scott
Topic: 28851 Message: 28864

Erwin:

Probably not a problem on 2 Meters, but could be on UHF. It's a long way from 432 to 445 MHz. Directivity and other characteristics are likely to be a problem with that kind of difference as well.

Chuck - N8DNX

On 1/19/2010 11:05 AM, Erwin wrote:
> Haven't seen so sharp antennas that you can't use for SSB/FM freq. together because of bad VSWR. All my antennas have min. 2MHz bandwidth - I mean my 2m versions. All other designers that I know G0GSK/YU7EF/ DK6BU/Tonna....cover minimum fe. 2m 144-146MHz with a reasonable VSWR.

28865. Re: VHF-UHF Tuner

Yahoo group: FT897 (2010)
Date: 2010-01-19 21:08:03 UTC
From: Erwin
Topic: 28851 Message: 28865

Hi Chuck,
yes right depending on the design you choose.
look here f.e. http://www.dk7zb.org/70cm/7.htm
That could cover the needs but you are right that some designs are much sharper.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Erwin:
>
> Probably not a problem on 2 Meters, but could be on UHF. It's a long way
> from 432 to 445 MHz. Directivity and other characteristics are likely to
> be a problem with that kind of difference as well.
>
> Chuck - N8DNX
>
>
> On 1/19/2010 11:05 AM, Erwin wrote:
> > Haven't seen so sharp antennas that you can't use for SSB/FM freq. together because of bad VSWR. All my antennas have min. 2MHz bandwidth - I mean my 2m versions. All other designers that I know G0GSK/YU7EF/ DK6BU/Tonna....cover minimum fe. 2m 144-146MHz with a reasonable VSWR.
>

28866. Max HF power.

Yahoo group: FT897 (2010)
Date: 2010-01-20 11:02:00 UTC
From: f6gwb
Topic: 28866 Message: 28866

Hello all,
I own a FT-897D and I think it is a good rig for its price although I bewail this high level noise at receiving.
Another thing I don't appreciate is the lack of information and documentation from Yaesu to clarify "how it works". For instance, the meaning and the use of each tread of the second level menu. By the way I wonder about if it the same thing (lack of explanations) with the other renowned brands rigs (Icom, Kenwood an so on) ?
Besides, among the numerous questions concerning the FT857D/897D, I don't understand why the HF power limit is 25 watts in AM and 100 watts in FM ? Both of this modes need a permanent carrier, don't they ? (Instead of CW or SSB where the pick HF power can be high as the carrier is not permanent and the average power remains much lower).
Thank for your hints and opinions.
73 to all.
Gerard, f6gwb.

28867. Re: [FT897] Max HF power.

Yahoo group: FT897 (2010)
Date: 2010-01-20 11:19:41 UTC
From: DavidN
Topic: 28866 Message: 28867

Hi Gerard. Firstly, in my experience all ham radio rig's instruction books from the major players are much of a muchness - things not explained properly or with poor grammar. There may be exceptions, but few and sadly far between.

Re. AM and FM power output. I think the AM output has had to be kept down because of the amount of audio available to amplitude modulate the carrier. Of course in FM mode little audio is needed to frequency modulate the carrier.....

Finally, I've heard of others writing about the high receive noise, but mine seems OK. However, this is my second 897 after the first became faulty and with the first one the noise blanker worked superbly, in this second one not so! My point is that there seems many differences in set-up by Yaesu between individual items. A great pity.

.d. G4TUP/9H3CU.

On Wed, Jan 20, 2010 at 11:02 AM, f6gwb <f6gwb@...> wrote:

>
>
> Hello all,
> I own a FT-897D and I think it is a good rig for its price although I
> bewail this high level noise at receiving.
> Another thing I don't appreciate is the lack of information and
> documentation from Yaesu to clarify "how it works". For instance, the
> meaning and the use of each tread of the second level menu. By the way I
> wonder about if it the same thing (lack of explanations) with the other
> renowned brands rigs (Icom, Kenwood an so on?) ?
> Besides, among the numerous questions concerning the FT857D/897D, I don't
> understand why the HF power limit is 25 watts in AM and 100 watts in FM ?
> Both of this modes need a permanent carrier, don't they ? (Instead of CW or
> SSB where the pick HF power can be high as the carrier is not permanent and
> the average power remains much lower).
> Thank for your hints and opinions.
> 73 to all.
> Gerard, f6gwb.
>
>
>

[Non-text portions of this message have been removed]

28868. Re: [FT897] Max HF power.

Yahoo group: FT897 (2010)
Date: 2010-01-20 12:01:25 UTC
From: Finnigann
Topic: 28866 Message: 28868

On Wed, 20 Jan 2010 06:19:41 -0500, DavidN <david@...> wrote:

> Hi Gerard. Firstly, in my experience all ham radio rig's instruction
> books
> from the major players are much of a muchness - things not explained
> properly or with poor grammar. There may be exceptions, but few and sadly
> far between.
>

First, I think the terms used here are misleading. It's 'owners manual'
not instruction books. The OM falls far short of being a book by anyones
definition.

Secondly, it's not teaching you about ham radio (with their radio) It's an
explination of what their radio does.

Not how you may use it.

And lastly, I believe the OM is a translation from Japanese to English.

Rolling all of that into the OM we hold in our hands, we are let down. As
in my case, the FT 897D was my first HF radio. I don't think I understand
much of what *I* can do with this radio as compared with many/most of the
other hams on the group.

But I'm learning :) And most of the group has been helpful, not always.
But by inlarge this is so with the ham radio community enmasse.

BTW Thanks!

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

28869. gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 12:36:29 UTC
From: ZephyrNYC
Topic: 28869 Message: 28869

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

73,
Frank

28870. RE: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 12:55:07 UTC
From: Mr Albert Furlow
Topic: 28869 Message: 28870

Take gun!!!!

Two means of powering your 897. Antenna wire, for NIVIS type of HF antenna.

AL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of ZephyrNYC
Sent: Wednesday, January 20, 2010 7:36 AM
To: zephyrnyc@...
Subject: [FT897] gear for a trip to Haiti

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

28871. Re: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 13:48:53 UTC
From: Tim lyons
Topic: 28869 Message: 28871

The first power system I think about when I hear Haiti is a Glock with 1500 rounds of armor piercing rounds. Kept within arms reach at ALL times.

That way, whatever valuables you learn to bring, you keep.

File that under been there, done that.

NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Jan 20, 2010, at 4:36, ZephyrNYC <ZephyrNYC@gmail.com> wrote:

Greetings,

I'm posting these questions here because there are a lot of portable
experts in this group. I know of a ham who might be traveling to
Haiti very soon (within a week), but will most likely be the lone ham
in a group of medical personnel. Where are the best places to
purchase portable ham gear on short notice? Can you recommend a power
system-- models of portable solar panels, batteries, chargers, power
supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

28872. Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 14:30:01 UTC
From: oldmayorkd5lbe
Topic: 28869 Message: 28872

He needs a FT897 and a tuner attached. The easiest antenna to carry is a G5RV in an unopened package. I would suggest that he get someones used FT897 since he know it works. What is he going to use for a license? I assume that there is some kind of a reciprocal license arrangement. You can run the radio off of a car battery so I would carry enough 10 or 12 wire to hook it up. DC does looses power over distance so keep the hook up short. If he wants to order one and of the major mail order suppliers can supply one quickly but maybe not quick enough. Skip the gun.

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> I'm posting these questions here because there are a lot of portable
> experts in this group. I know of a ham who might be traveling to
> Haiti very soon (within a week), but will most likely be the lone ham
> in a group of medical personnel. Where are the best places to
> purchase portable ham gear on short notice? Can you recommend a power
> system-- models of portable solar panels, batteries, chargers, power
> supplies, etc.? Thanks.
>
>
> 73,
> Frank
>

28873. Max HF power.

Yahoo group: FT897 (2010)
Date: 2010-01-20 14:30:26 UTC
From: Edward Thorpe
Topic: 28866 Message: 28873

> Besides, among the numerous questions concerning the FT857D/897D, I
> don't understand why the HF power limit is 25 watts in AM and 100
> watts in FM ? Both of this modes need a permanent carrier, don't
> they ? (Instead of CW or SSB where the pick HF power can be high as
> the carrier is not permanent and the average power remains much
> lower).

Trying to remember back to the days when I built AM transmitters is hard. However, AM begins with a carrier of fixed power. As audio is applied the amplitude (therefore power) of the carrier is increased then decreased at the rate of the applied modulation (audio). On peaks of 100% modulation the carrier amplitude may double. Furthermore, the actual energy in an AM signal is duplicated in upper and lower sidebands, which, if I remember correctly, produces a peak envelope power of 4 times the unmodulated carrier. FM can use a full power carrier since changes in modulation do not alter the carrier power but instead change only the carrier frequency.

Ok guys, did I remember my theory reasonably well for an old guy?

Ted Thorpe, VE3HPL (fifty years a Ham)

[Non-text portions of this message have been removed]

28874. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 16:43:50 UTC
From: Harold Burton
Topic: 28869 Message: 28874

Only reason to skip the gun is if there is absolutely no way
to take one legally. Once you get there you can almost certainly obtain one
from a local source if you have sufficient cash. Remember it is always
better to have a gun and not need it than to need one and not have it.

Harold
KD5SAK

----- Original Message -----
From: "oldmayorkd5lbe" <morriltonmayor@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, January 20, 2010 6:30 AM
Subject: [FT897] Re: gear for a trip to Haiti

He needs a FT897 and a tuner attached. The easiest antenna to carry is a
G5RV in an unopened package. I would suggest that he get someones used
FT897 since he know it works. What is he going to use for a license? I
assume that there is some kind of a reciprocal license arrangement. You can
run the radio off of a car battery so I would carry enough 10 or 12 wire to
hook it up. DC does looses power over distance so keep the hook up short.
If he wants to order one and of the major mail order suppliers can supply
one quickly but maybe not quick enough. Skip the gun.

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> I'm posting these questions here because there are a lot of portable
> experts in this group. I know of a ham who might be traveling to
> Haiti very soon (within a week), but will most likely be the lone ham
> in a group of medical personnel. Where are the best places to
> purchase portable ham gear on short notice? Can you recommend a power
> system-- models of portable solar panels, batteries, chargers, power
> supplies, etc.? Thanks.
>
>
> 73,
> Frank
>

Yahoo! Groups Links

28875. Re: Power output

Yahoo group: FT897 (2010)
Date: 2010-01-20 15:01:49 UTC
From: jurgen vogel
Topic: 28869 Message: 28875

Please study a bit about radio communication.On SSB you have 100 watts PeP power that means Peak envelope power. ON FM or CW your carrier power is also 100 watts, on AM your carrier power is 25 watts which together with the sidebands amount again to 100 watts which is the max power output of the rig. OK is it cleared up now???

73
Jurgen VK6AHI

From: Harold Burton <kd5sak@...>
To: FT897@yahoogroups.com
Sent: Thu, 21 January, 2010 12:43:50 AM
Subject: Re: [FT897] Re: gear for a trip to Haiti

Only reason to skip the gun is if there is absolutely no way to take one legally. Once you get there you can almost certainly obtain one from a local source if you have sufficient cash. Remember it is always better to have a gun and not need it than to need one and not have it.

Harold
KD5SAK

----- Original Message -----
From: "oldmayorkd5lbe" <morriltonmayor@ sbcglobal. net>
To: <FT897@yahoogroups. com>
Sent: Wednesday, January 20, 2010 6:30 AM
Subject: [FT897] Re: gear for a trip to Haiti

He needs a FT897 and a tuner attached. The easiest antenna to carry is a G5RV in an unopened package. I would suggest that he get someones used FT897 since he know it works. What is he going to use for a license? I assume that there is some kind of a reciprocal license arrangement. You can run the radio off of a car battery so I would carry enough 10 or 12 wire to hook it up. DC does looses power over distance so keep the hook up short. If he wants to order one and of the major mail order suppliers can supply one quickly but maybe not quick enough. Skip the gun.

--- In FT897@yahoogroups. com, ZephyrNYC <ZephyrNYC@. ..> wrote:
>
> Greetings,
>
> I'm posting these questions here because there are a lot of portable
> experts in this group. I know of a ham who might be traveling to
> Haiti very soon (within a week), but will most likely be the lone ham
> in a group of medical personnel. Where are the best places to
> purchase portable ham gear on short notice? Can you recommend a power

> system-- models of portable solar panels, batteries, chargers, power
> supplies, etc.? Thanks.
>
>
> 73,
> Frank
>

------------ --------- --------- ------

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[Non-text portions of this message have been removed]

28876. RE: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 15:07:13 UTC
From: Mr Albert Furlow
Topic: 28869 Message: 28876

I am glad to see there are others that don't focus just on the radio piece. There is always a security part, that many don't think about.

My unit was there in the early 90s, its not Kansas, Toto...

But I would take extras with you, a back up to the plan. Coax, connecters, etc.

Have a plan before you go, and stick to the plan. Have a fall back plan incase you need to leave the effected area in a moments notice.

AL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Tim lyons
Sent: Wednesday, January 20, 2010 8:49 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] gear for a trip to Haiti

The first power system I think about when I hear Haiti is a Glock with 1500 rounds of armor piercing rounds. Kept within arms reach at ALL times.

That way, whatever valuables you learn to bring, you keep.

File that under been there, done that.

NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Jan 20, 2010, at 4:36, ZephyrNYC <ZephyrNYC@...> wrote:

Greetings,

I'm posting these questions here because there are a lot of portable
experts in this group. I know of a ham who might be traveling to
Haiti very soon (within a week), but will most likely be the lone ham
in a group of medical personnel. Where are the best places to
purchase portable ham gear on short notice? Can you recommend a power
system-- models of portable solar panels, batteries, chargers, power
supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28877. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 15:08:41 UTC
From: Jerry Lefever
Topic: 28869 Message: 28877

This morning there was UN traffic on 14.3 from Haiti talking to others here in Europe. They mentioned they were using one of the 5mhz freqs too. (NVIS) for comms.

Towns and villages to the north east of Port-au-Prince have electricity to get things charged, and to get supplies, as I understand they have got away unscathed. Not sure what the roads are like.
Regards

[Non-text portions of this message have been removed]

28878. Re: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 17:01:43 UTC
From: Gary Altig
Topic: 28869 Message: 28878

DE N7UVL,
$.02 Hams that have not practiced "go" should not "go".
They will be overwhelmed./ga

----- Original Message -----
From: ZephyrNYC<mailto:ZephyrNYC@...>
To: zephyrnyc@...<mailto:zephyrnyc@...>
Sent: Wednesday, January 20, 2010 4:36 AM
Subject: [FT897] gear for a trip to Haiti

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

28879. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 17:49:48 UTC
From: Finnigann
Topic: 28869 Message: 28879

On Wed, 20 Jan 2010 11:43:50 -0500, Harold Burton <kd5sak@...>
wrote:

>
> Only reason to skip the gun is if there is absolutely no way
> to take one legally. Once you get there you can almost certainly obtain
> onefrom a local source if you have sufficient cash. Remember it is always
> better to have a gun and not need it than to need one and not have it.

But the gun would be more like a lightening rod. He's not going to be
traveling in the USA. No second ammendment. My .02 - is a gun will be
more trouble than it's worth.

If you feel you absolutly have to have a gun, don't go.

He needs a FT897 and a tuner attached. The easiest antenna to carry is a
G5RV in an unopened package. I would suggest that he get someones used
FT897 since he know it works. What is he going to use for a license? I
assume that there is some kind of a reciprocal license arrangement. You
can
run the radio off of a car battery so I would carry enough 10 or 12 wire
to
hook it up. DC does looses power over distance so keep the hook up short.
If he wants to order one and of the major mail order suppliers can supply
one quickly but maybe not quick enough. Skip the gun.

Sounds like a great start. A trip to the doctors for some shots (of the
other kind)

Really, this shouldn't be your first trip.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28880. RE: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 18:31:29 UTC
From: Guy Harrell
Topic: 28869 Message: 28880

Consider yourself before you even think about what radio equipment.

Do you have any health issues: heart, diabetes, kidneys, back pain, chest pain, sleep apnea, etc? If so, don't even consider going. Do you take any meds that you can't do without, such as: insulin (refrigeration), etc, or blood thinners, etc? If so then don't go. Are you addicted to cigarettes, alcohol, caffeine, drugs, etc? If so, can you do without? Do you take any other meds? If so, take enough to last the entire planed stay PLUS an additional 50%. You don't want to get there and become part of the problem!

Be sure to carry your own personal emergency stash of water and food. MREs, if you can get some.

Now, about the gun. You might need one but what will happen to you if you actually shoot or kill someone in a foreign country? Personally, I won't go anywhere I think I might actually need a gun. Will I use one in self defense of my family, my home, and myself, you bet.

I agree with the comment below. If you have not practiced EMCOM and not already geared up for EMCOM then don't go.

If you decide to go anyway search Amazon for "emergency communications" books. "The ARRL Emergency Communication Handbook" is a must have. You should order that one and any others that look interesting and have it delivered OVERNIGHT. Also, Google "emergency communications".

The following lists are only a start and NOT comprehensive by any means:

Batteries, battery charger, hand held radio, HF radio, grounding rod, wire, clamps, multi-band HF antenna, parachute cord, power, data, audio, and RF cables and adapters, small repair kit: hand tools, multi-meter, connecters, adapters, fuses, key parts, materials for improvisation: wire, connecters, small parts, insulators, duct tape, etc., photocopies of manuals for all equipment, headphones, for noisy areas and privacy, and much more!

Also, clothing, toilet kit, foul weather gear, snacks, first aid kit, money, telephone calling card, ID cards, frequency lists, maps (both street and topo), key contact phone, email, internet addresses for yourself and other members of your party, resource lists, log sheets, message forms, pens, pencils, paper, tents, tables, chairs, tarps, lights. This is just a start.

Remember, you will have to do without anything you forget.

KD5QQG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Gary Altig

Sent: Wednesday, January 20, 2010 11:02 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] gear for a trip to Haiti

DE N7UVL,
$.02 Hams that have not practiced "go" should not "go".
They will be overwhelmed./ga

----- Original Message -----
From: ZephyrNYC<mailto:ZephyrNYC@...>
To: zephyrnyc@...<mailto:zephyrnyc@...>
Sent: Wednesday, January 20, 2010 4:36 AM
Subject: [FT897] gear for a trip to Haiti

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28881. RE: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 20:01:29 UTC
From: Dennis
Topic: 28869 Message: 28881

He gonna be going into "hostile" territory, so to speak. People that are desperate will do things they usually wouldn't. The "security" of a weapon may mean the difference between getting out of a "pop-up" situation alive or in a body bag. If you can get one there legally, do it, or get one once you are there! AND FOR GOD SAKES DO NOT ADVERTISE YOU HAVE ONE, EITHER! DO NOT always rely on THEIR security forces to protect you. YOU are responsible for YOUR OWN safety. They most likely don't care much and are gonna look out for their own a** if the sh** hits the fan.

I agree that a wire antenna of some sort is the easiest and best way to go. Batteries should be able to be had from just about anywhere.

Remember these people were pretty much on the brink BEFORE the quake, they will be much more desperate now, especially since the newest quake.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Wednesday, January 20, 2010 11:50 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: gear for a trip to Haiti

On Wed, 20 Jan 2010 11:43:50 -0500, Harold Burton <kd5sak@sbcglobal.
<mailto:kd5sak%40sbcglobal.net> net>
wrote:

>
> Only reason to skip the gun is if there is absolutely no way
> to take one legally. Once you get there you can almost certainly obtain
> onefrom a local source if you have sufficient cash. Remember it is always
> better to have a gun and not need it than to need one and not have it.

But the gun would be more like a lightening rod. He's not going to be traveling in the USA. No second ammendment. My .02 - is a gun will be more trouble than it's worth.

If you feel you absolutly have to have a gun, don't go.

He needs a FT897 and a tuner attached. The easiest antenna to carry is a G5RV in an unopened package. I would suggest that he get someones used FT897 since he know it works. What is he going to use for a license? I assume that there is some kind of a reciprocal license arrangement. You can
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hook it up. DC does looses power over distance so keep the hook up short. If he wants to order one and of the major mail order suppliers can supply one quickly but maybe not quick enough. Skip the gun.

Sounds like a great start. A trip to the doctors for some shots (of the other kind)

Really, this shouldn't be your first trip.

--

73'S

DE KC8UGV

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[Non-text portions of this message have been removed]

28882. RE: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 20:10:10 UTC
From: Mr Albert Furlow
Topic: 28869 Message: 28882

I like you

AL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Dennis
Sent: Wednesday, January 20, 2010 3:01 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: gear for a trip to Haiti

He gonna be going into "hostile" territory, so to speak. People that are desperate will do things they usually wouldn't. The "security" of a weapon may mean the difference between getting out of a "pop-up" situation alive or
in a body bag. If you can get one there legally, do it, or get one once you
are there! AND FOR GOD SAKES DO NOT ADVERTISE YOU HAVE ONE, EITHER! DO NOT always rely on THEIR security forces to protect you. YOU are responsible for
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their own a** if the sh** hits the fan.

I agree that a wire antenna of some sort is the easiest and best way to go.
Batteries should be able to be had from just about anywhere.

Remember these people were pretty much on the brink BEFORE the quake, they will be much more desperate now, especially since the newest quake.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Wednesday, January 20, 2010 11:50 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: gear for a trip to Haiti

On Wed, 20 Jan 2010 11:43:50 -0500, Harold Burton <kd5sak@sbcglobal.
<mailto:kd5sak%40sbcglobal.net> net>
wrote:

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> Only reason to skip the gun is if there is absolutely no way
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Sounds like a great start. A trip to the doctors for some shots (of the other kind)

Really, this shouldn't be your first trip.

--

73'S

DE KC8UGV

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[Non-text portions of this message have been removed]

28883. RE: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 20:13:02 UTC
From: Mr Albert Furlow
Topic: 28869 Message: 28883

I agree with you.

When I went I always carried, then again it was an Army thing..

AL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Finnigann
Sent: Wednesday, January 20, 2010 12:50 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: gear for a trip to Haiti

On Wed, 20 Jan 2010 11:43:50 -0500, Harold Burton <kd5sak@...> wrote:

>
> Only reason to skip the gun is if there is absolutely no way
> to take one legally. Once you get there you can almost certainly obtain
> onefrom a local source if you have sufficient cash. Remember it is always
> better to have a gun and not need it than to need one and not have it.

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73'S

DE KC8UGV

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28884. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 20:38:14 UTC
From: Richard Corfield
Topic: 28869 Message: 28884

If you turn up in the UK with a gun you'll be arrested. Check the local customs.

Ideally if you're going to help you'd be going with a charity or group that is geared up to help and you'll be there as part of a plan to help. That means from a radio point of view I'd assume that the group of doctors know that there's someone on the other end listening, or that this person is a doctor going out as a doctor and the radio is "extra just in case". Doctoring is a wonderful skill in a situation like that.

The news we're getting in the UK is how wonderful the country communications infrastructure is and how big corporations are even now reconnecting the internet and mobile phone networks. Maybe that's only in the "important" areas. Amateur radio has not been mentioned in the news. (It didn't get mentioned in the news coverage of the UK flooding, even though it played a part.) It's good that technical skills are useful in today's emergency responses.

I'd suggest making sure the help is needed, and making sure that it is part of a well organised plan involving all the right people. If it was me (not a doctor) I'd ask the charities involved if my skills were useful, though I not be confident that they are because my experience in safety comms is limited to covering long distance sporting events with VHF. The on-air procedures may be similar, but the technical demands quite different.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

28885. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 23:18:06 UTC
From: Harold Burton
Topic: 28869 Message: 28885

I agree, at 77 years of age, it's ingrained in me to carry
a country boy pocket knife. That alone would keep me from trying to fly
anywhere.

Harold
KD5SAK

----- Original Message -----
From: "Finnigann" <finnigann2580@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, January 20, 2010 9:49 AM
Subject: Re: [FT897] Re: gear for a trip to Haiti

>
> If you feel you absolutly have to have a gun, don't go.

28886. Re: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 22:13:06 UTC
From: DALE BLANCHARD
Topic: 28869 Message: 28886

----- Original Message -----
From: "Guy Harrell" <guyharrell@...>
To: FT897@yahoogroups.com
Sent: Wednesday, January 20, 2010 10:31:29 AM GMT -08:00 US/Canada Pacific
Subject: RE: [FT897] gear for a trip to Haiti

Consider yourself before you even think about what radio equipment.

I do not think radio equipment is needed at this time .

There are more important thing to do.

The have already requested no more teams unless already scheduled for deployment .

Dale

’---

[Non-text portions of this message have been removed]

28887. Re: Max HF power.

Yahoo group: FT897 (2010)
Date: 2010-01-21 01:42:18 UTC
From: Steve Yates
Topic: 28866 Message: 28887

Gerard,

When modulating an AM transmitter with 100% modulation the PEP (Peak Envelope Power) is 4 times the carrier power. That's 100 W PEP output (just like on SSB and FM) with only 25 W of AM carrier. So you're not being cheated.

By the way, that means that if you have an amplifier capable of 400 W PEP, then on AM it shouldn't be putting out anymore the 100 W carrier. Many 11m operators forget this rule, hence all the splatter.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "f6gwb" <f6gwb@...> wrote:
>
> Hello all,
> I own a FT-897D and I think it is a good rig for its price although I bewail this high level noise at receiving.
> Another thing I don't appreciate is the lack of information and documentation from Yaesu to clarify "how it works". For instance, the meaning and the use of each tread of the second level menu. By the way I wonder about if it the same thing (lack of explanations) with the other renowned brands rigs (Icom, Kenwood an so on) ?
> Besides, among the numerous questions concerning the FT857D/897D, I don't understand why the HF power limit is 25 watts in AM and 100 watts in FM ? Both of this modes need a permanent carrier, don't they ? (Instead of CW or SSB where the pick HF power can be high as the carrier is not permanent and the average power remains much lower).
> Thank for your hints and opinions.
> 73 to all.
> Gerard, f6gwb.
>

28888. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 04:43:01 UTC
From: jim hyde
Topic: 28869 Message: 28888

hell boy there has been an earthquake there. the water is bad, bodies everywhere. the place aint safe. its only getting worse. why you want to go there? may i recommend somewhere like chicago south side, detroit, etc. or maybe stay home and mind your own business. consider taking in a good show, have a hot meal, get laid and get drunk but stay away from that hell hole...besides dont you know there aint no government to have a recip license with.!!!!!!!!.where you been??

jim

From: oldmayorkd5lbe <morriltonmayor@...>
To: FT897@yahoogroups.com
Sent: Wed, January 20, 2010 8:30:01 AM
Subject: [FT897] Re: gear for a trip to Haiti

He needs a FT897 and a tuner attached. The easiest antenna to carry is a G5RV in an unopened package. I would suggest that he get someones used FT897 since he know it works. What is he going to use for a license? I assume that there is some kind of a reciprocal license arrangement. You can run the radio off of a car battery so I would carry enough 10 or 12 wire to hook it up. DC does looses power over distance so keep the hook up short. If he wants to order one and of the major mail order suppliers can supply one quickly but maybe not quick enough. Skip the gun.

--- In FT897@yahoogroups. com, ZephyrNYC <ZephyrNYC@. ..> wrote:
>
> Greetings,
>
> I'm posting these questions here because there are a lot of portable
> experts in this group. I know of a ham who might be traveling to
> Haiti very soon (within a week), but will most likely be the lone ham
> in a group of medical personnel. Where are the best places to
> purchase portable ham gear on short notice? Can you recommend a power
> system-- models of portable solar panels, batteries, chargers, power
> supplies, etc.? Thanks.
>
>
> 73,
> Frank
>

[Non-text portions of this message have been removed]

28889. Re: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 05:20:24 UTC
From: kd7zdd@yahoo.com
Topic: 28869 Message: 28889

Sent from my BlackBerry Smartphone provided by Alltel

28890. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 05:33:25 UTC
From: jim hyde
Topic: 28869 Message: 28890

the real answer is if you need a gun stay at home . before the earthquake there were plenty of do gooders already there. i guess that they are under the buildings now.

jim

_____
From: Finnigann <finnigann2580@...>
To: FT897@yahoogroups.com
Sent: Wed, January 20, 2010 11:49:48 AM
Subject: Re: [FT897] Re: gear for a trip to Haiti

On Wed, 20 Jan 2010 11:43:50 -0500, Harold Burton <kd5sak@sbcglobal. net>
wrote:

>
> Only reason to skip the gun is if there is absolutely no way
> to take one legally. Once you get there you can almost certainly obtain
> onefrom a local source if you have sufficient cash. Remember it is always
> better to have a gun and not need it than to need one and not have it.

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traveling in the USA. No second ammendment. My .02 - is a gun will be
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Sounds like a great start. A trip to the doctors for some shots (of the
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Really, this shouldn't be your first trip.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28891. Re: Buttons Not Responding

Yahoo group: FT897 (2010)
Date: 2010-01-18 11:23:23 UTC
From: cergender
Topic: 28848 Message: 28891

Hi,

If it is not the key lock on the south-west side of the main VFO dial
it might be more serious.

Ben
--- In FT897@yahoogroups.com, "dniitani" <dniitani@...> wrote:
>
> Hi All,
>
> Is it time to send my unit in for repair? While pressing the band buttons. I heard a loud tone. And now both the Mode and Band buttons does not respond while being depressed. Cat control is able to change band and mode. Any Ideas as to how to return the buttons back to normal operation, or do I need to send it in for repair?
>

28892. RE: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 13:16:41 UTC
From: George Hartsuch
Topic: 28869 Message: 28892

Forget solar, unless a very remote place. Most medical otfits will have a A/C generator. Maybe a base station and a couple of handi-talkies(spare Bat's). Course antenna...

Go in a good way
Geo

--- On Wed, 1/20/10, Mr Albert Furlow <albeham@...> wrote:

From: Mr Albert Furlow <albeham@verizon.net>
Subject: RE: [FT897] gear for a trip to Haiti
To: FT897@yahoogroups.com
Date: Wednesday, January 20, 2010, 6:55 AM

Take gun!!!!

Two means of powering your 897. Antenna wire, for NIVIS type of HF antenna.

AL

  -----Original Message-----
  From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of ZephyrNYC
  Sent: Wednesday, January 20, 2010 7:36 AM
  To: zephyrnyc@...
  Subject: [FT897] gear for a trip to Haiti

  Greetings,

  I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

  73,
  Frank

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28893. Ceramic 2.4khz filter

Yahoo group: FT897 (2010)
Date: 2010-01-19 04:01:47 UTC
From: Frank
Topic: 28893 Message: 28893

My 897D is on its way and going through the manual looking at multifunction row "N" key "A" one can select a ceramic filter. What is the advantage of not using this filter.I do not understand why a selection is offered. Frank VA7FK/VE7KEY.

28894. Amplifer Tune

Yahoo group: FT897 (2010)
Date: 2010-01-19 20:24:56 UTC
From: W4GRJ
Topic: 28894 Message: 28894

Is there an easy way to send a 10 or 15 watt carrier to tune an Amplifier?

28895. Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-18 19:10:05 UTC
From: Chuck Williams
Topic: 28895 Message: 28895

Good Afternoon All,

I am new to the forum as of today. I've been considering the FT-897D as my mobile, field day, EmComm rig as I really like the built-in flexibility of the unit.

However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?

I would greatly appreciate your consideration of my questions. I've read many Eham reviews and know the RX/TX qualities of this unit are said to be good. I certainly look forward to learning more about the 897.

Thanks & 73,
Chuck Williams, KJ4HBK

----- Original Message -----
From: Tom Ahola
To: FT897@yahoogroups.com
Sent: Monday, January 18, 2010 11:02 AM
Subject: Re: [FT897] ft 897 swr

I re-checked my scales and found nothing wrong. Carl, could you specify what does not agree. My scales are based on the same function mentioned in message 5278. The values are rounded and the lower part of the SWR has a slight unorthodox rounding (to have monotonic gradient) but the error is still less than 0.1. Maybe your FT-meter is inaccurate? Analog meters can be sometimes. Bear in mind that neither the FT-897 nor the FT-Meter are calibrated measurement equipment but merely indicators. The actual SWR and power can be off by more than small scale errors. Having an external additional meter to the FT-897 does not fit my purpose of having a portable rig. Knowing the scales of the radio saves money and space. Sorry for my opinion, hope you are not affiliated with W4RT :)

I made a slight adjustment to the scales and re-uploaded. Now only one of the low SWR values have unorthodox rounding instead of two. Enjoy!

73 OH2FRM Tom

[Non-text portions of this message have been removed]

28896. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 20:37:52 UTC
From: Keith Carpenter
Topic: 28869 Message: 28896

Ditto! My "go kit" includes a gun.

Yes I have a permit to carry concealed, and I keep it concealed.

Eight years as a Police Officer taught me that locks only work to keep "honest people honest". Desperate people WILL do desperate things.

Keith WD0FIA / AFA7MU
USMC 1974-1977
Retired USAF 1999 (Iowa Air National Guard)

From: Mr Albert Furlow albeham@...

I like you

AL

He gonna be going into "hostile" territory, so to speak. People that are desperate will do things they usually wouldn't. The "security" of a weapon may mean the difference between getting out of a "pop-up" situation alive
or
in a body bag.

[Non-text portions of this message have been removed]

28897. New FT-897D

Yahoo group: FT897 (2010)
Date: 2010-01-20 21:26:41 UTC
From: Keith
Topic: 15848 Message: 28897

My new FT-897D should arrive from HRO tomorrow. I have been going through past messages trying to determine what "must have" accessories are for this unit.

Currently I have a FT-950 and FT-450 (with internal ATU's) for my home station, and FT-857D in my cars. I run LDG Z100 tuners on the FT-857's and have been happy with them.

This radio will be used in our motorhome, replacing the TS-140 I have ran for years.

I am mainly interested in battery pack and tuner options, but the wide variety of choices for this radio are amazing. Is there any particular tuner or battery pack I should avoid?

73!
Keith WD0FIA / AFA7MU

28898. Hammin in Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 21:46:36 UTC
From: amasa howard
Topic: 28869 Message: 28898

Check out this article;
http://www.cnn.com/2010/TECH/01/20/haiti.amateur.radio/index.html?hpt=C1

"Amateur radio is a very powerful tool if the amateur radio operators are in the area where the disaster occurs," he said. "There's a window of opportunity for amateur radio operators right at the beginning [of a disaster]. ... That's where they are extremely valuable." Because that window has now passed, cell phone connections, text messages, Twitter posts and Skype calls are becoming more significant, he said.

[Non-text portions of this message have been removed]

28899. SSB Power question is my thinking right

Yahoo group: FT897 (2010)
Date: 2010-01-20 13:06:56 UTC
From: skippy_in_space
Topic: 28899 Message: 28899

Ok a sort of new ham type question.

I'm a Scottish Intermediate License holder limited to 50W on HF
My set up is an 897 with a MFJ Mag loop 1769 and auto tuner that comes with it. Running about 20m of coax

I set the 897 to 50% Power (assuming 50% of 100w is 50w)
Go to transmit and the meter on the auto tuner shows a peak of about 20w

The only time I get close to 50w on the meter is when I have the power set at 100%

Now the question is am I in breach of my license as 100% is leaving the radio but the antenna tuner is only showing a peak of 50w. Am I reading the meter wrong or is this typical

Reading through the Intermediate book it actually says to calculate coax loss into your output power.

And for foundation level my tutor set the radio around 30% to get 10w SSB saying that I wasnt getting the full use of my license.

The other reason for the question is I cant have my antenna permanantly installed and I have a ham unfriendly neighbour so am always careful when I operate as its pretty obvious and if I do get an ofcom visit I want to make sure that I'm not making assumptions about power output that are wrong. (I have allready been accused by one neighbour for blocking her Tv recieption, ie all channels are dead but they then convinced themselves that it wasnt me and the mobile crane that was working half a mile away, I did suggest her coax cable at the TV and antenna end as I thought that was more likley the problem)

All the best

Ian
2M0BVN

28900. Re: Buttons Not Responding

Yahoo group: FT897 (2010)
Date: 2010-01-20 15:49:37 UTC
From: cergender
Topic: 28848 Message: 28900

--- In FT897@yahoogroups.com, "dniitani" <dniitani@...> wrote:
>
> Hi All,
>
> Is it time to send my unit in for repair? While pressing the band buttons. I heard a loud tone. And now both the Mode and Band buttons does not respond while being depressed. Cat control is able to change band and mode. Any Ideas as to how to return the buttons back to normal operation, or do I need to send it in for repair?
>

Key Lock?

28901. RE: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-20 18:56:37 UTC
From: Henry Vo
Topic: 28869 Message: 28901

You must ask someone from Home Land Security whether or not ok to bring these electric devices on board....If you have to go then do and plan your trip VERY carefull, otherwise.. i suggest you stay here and let others who already there to deal with it....we have our military personel there and more will be sent out from Washington so they must know what they are dealing with..

My 2 cents...

-FIP

--- On Wed, 1/20/10, Guy Harrell <guyharrell@...> wrote:

From: Guy Harrell <guyharrell@bellsouth.net>
Subject: RE: [FT897] gear for a trip to Haiti
To: FT897@yahoogroups.com
Date: Wednesday, January 20, 2010, 10:31 AM

Consider yourself before you even think about what radio equipment.

Do you have any health issues: heart, diabetes, kidneys, back pain, chest pain, sleep apnea, etc? If so, don't even consider going. Do you take any meds that you can't do without, such as: insulin (refrigeration) , etc, or blood thinners, etc? If so then don't go. Are you addicted to cigarettes, alcohol, caffeine, drugs, etc? If so, can you do without? Do you take any other meds? If so, take enough to last the entire planed stay PLUS an additional 50%. You don't want to get there and become part of the problem!

Be sure to carry your own personal emergency stash of water and food. MREs, if you can get some.

Now, about the gun. You might need one but what will happen to you if you actually shoot or kill someone in a foreign country? Personally, I won't go anywhere I think I might actually need a gun. Will I use one in self defense of my family, my home, and myself, you bet.

I agree with the comment below. If you have not practiced EMCOM and not already geared up for EMCOM then don't go.

If you decide to go anyway search Amazon for "emergency communications" books. "The ARRL Emergency Communication Handbook" is a must have. You should order that one and any others that look interesting and have it delivered OVERNIGHT. Also, Google "emergency communications" .

The following lists are only a start and NOT comprehensive by any means:

Batteries, battery charger, hand held radio, HF radio, grounding rod, wire, clamps, multi-band HF antenna, parachute cord, power, data, audio, and RF cables and adapters, small repair kit: hand tools, multi-meter, connecters,

adapters, fuses, key parts, materials for improvisation: wire, connecters, small parts, insulators, duct tape, etc., photocopies of manuals for all equipment, headphones, for noisy areas and privacy, and much more!

Also, clothing, toilet kit, foul weather gear, snacks, first aid kit, money, telephone calling card, ID cards, frequency lists, maps (both street and topo), key contact phone, email, internet addresses for yourself and other members of your party, resource lists, log sheets, message forms, pens, pencils, paper, tents, tables, chairs, tarps, lights. This is just a start.

Remember, you will have to do without anything you forget.

KD5QQG

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of Gary Altig
Sent: Wednesday, January 20, 2010 11:02 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] gear for a trip to Haiti

DE N7UVL,
$.02 Hams that have not practiced "go" should not "go".
They will be overwhelmed. /ga

----- Original Message -----
From: ZephyrNYC<mailto:ZephyrNYC@gmail. com>
To: zephyrnyc@gmail. com<mailto:zephyrnyc@gmail. com>
Sent: Wednesday, January 20, 2010 4:36 AM
Subject: [FT897] gear for a trip to Haiti

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel. Where are the best places to purchase portable ham gear on short notice? Can you recommend a power system-- models of portable solar panels, batteries, chargers, power supplies, etc.? Thanks.

73,
Frank

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28902. Re: [FT897] gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 06:33:32 UTC
From: Damien Gardner Jnr
Topic: 28869 Message: 28902

On 21/01/2010, at 5:56 AM, Henry Vo wrote:
> You must ask someone from Home Land Security whether or not ok to
> bring these electric devices on board....
> -FIP

Holy stuffballs, has the US gotten that tight with taking gear on planes?! I know here in .au, it started getting a bit anoying after '911', when those of us with more than one notebook go through the security checkpoints, but not being able to take ham gear onboard?? That seems a bit extreme! When I go away for work, I have three notebooks (normal work notebook, my network/line testing toughbook, and my personal macbook), and I always carry my D7 and a gps (D7 battery in separate laptop bag to the D7). If I'm away for more than a couple of weeks, I usually take my FT8100, though since 9/11, i can't just take a gel cell and charger (no idea why gel cells are now on the not-allowed list?!), so have to have a decent PSU as well, so it tends to stay at home more often than not.. Usually you get asked a bunch of extra questions, and get pulled over for an explosives swab (although that seems to have subsided since I started making jokes about my mother being indonesian, being the reason they always did a 'random' explosives test - they seem to get very touchy when you start asking if they're singling you out because of your heritage..), but they're happy with me taking it all on board, so long as nothing transmits.. (Although last time I did have to pull up the ACMA license database on my PDA and show them that I was indeed a licensed ham..)

I think the funniest security I've had to deal with, was during world youth day last year (no wait, two years ago now! wow) - I was on the networking team, and we had to jump through so many security clearance hoops because we had network gear 'under' the pope's seat at each venue.. Was about 10 pages of information submitted to ASIO, and about 3 months to get our clearances.... Yet rocking up at whichever venue each morning with multiple laptops, a tool bag with all my cabling kit (including butane soldering iron/blowtorch, staple gun, etc), and my ever-present leatherman hunting knife on my belt (seriously checkout leatherman's hunting knife range, they're fantastic! I do sometimes miss having pliers on my belt, but the cutting ability of the blade on the hunting knife more than makes up for it!), I'd line up with the rest of the 'vips' who got to take the shorter-line entrance into the venue, but still going through metal detectors, bag&pocket searches by army folks etc, and then get to the front of the line, wave my WYD staff ID with that magical little red BOH icon on it, and get waved on past the searches, no questions asked.. Could never figure that out?! Or maybe they figured that if I was going to try to off the POPE,

they'd have picked that up during the vetting?!

And just to stay on topic... Make sure the specified portables part of your house insurance covers your gear if you take it to a 'dangerous' country! I know mine doesn't (not that I've been overseas, I just asked out of interest a few years ago when we were doing GIS stuff in iraq. Was told none of my gear, work or personal, would be covered for damage/loss, since it was considered a warzone... I chickened out and sent one of the other guys instead ;))

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28903. RE: [FT897] SSB Power question is my thinking right

Yahoo group: FT897 (2010)
Date: 2010-01-21 08:20:09 UTC
From: Jim Henry
Topic: 28899 Message: 28903

Ian

Set the RF power at 50% as you have done, that is within your licensing conditions. Do not set it higher as that will take you over the 50 watt limit. By its nature SSB power levels will always appear lower than the level you have set in the menu but if you connect a dummy load and whistle into the mic you will get a reading of 50 watts if RF power is set at 50%

73 de Jim, GI0DVU

<http://gi0dvu.co.uk/> http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of skippy_in_space
Sent: 20 January 2010 13:07
To: FT897@yahoogroups.com
Subject: [FT897] SSB Power question is my thinking right

Ok a sort of new ham type question.

I'm a Scottish Intermediate License holder limited to 50W on HF
My set up is an 897 with a MFJ Mag loop 1769 and auto tuner that comes with it. Running about 20m of coax

I set the 897 to 50% Power (assuming 50% of 100w is 50w)
Go to transmit and the meter on the auto tuner shows a peak of about 20w

The only time I get close to 50w on the meter is when I have the power set at 100%

Now the question is am I in breach of my license as 100% is leaving the radio but the antenna tuner is only showing a peak of 50w. Am I reading the meter wrong or is this typical

Reading through the Intermediate book it actually says to calculate coax loss into your output power.

And for foundation level my tutor set the radio around 30% to get 10w SSB saying that I wasnt getting the full use of my license.

The other reason for the question is I cant have my antenna permanantly installed and I have a ham unfriendly neighbour so am always careful when I operate as its pretty obvious and if I do get an ofcom visit I want to make sure that I'm not making assumptions about power output that are wrong. (I have allready been accused by one neighbour for blocking her Tv recieption, ie all channels are dead but they then convinced themselves that it wasnt me and the mobile crane that was working half a mile away, I did suggest her coax cable at the TV and antenna end as I thought that was more likley the

problem)

All the best

Ian
2M0BVN

[Non-text portions of this message have been removed]

28904. Re: SSB Power question is my thinking right

Yahoo group: FT897 (2010)
Date: 2010-01-21 08:28:13 UTC
From: g8hul
Topic: 28899 Message: 28904

>
> I set the 897 to 50% Power (assuming 50% of 100w is 50w)
> Go to transmit and the meter on the auto tuner shows a peak of about 20w
>
> The only time I get close to 50w on the meter is when I have the power set at 100%
>

You don't state under what conditions you are reading 20W on the tuner, but if it is during speech on ssb then you will be exceeding your 50W limit.

The meter on your tuner will not be fast enough to follow the peaks in your speech on ssb, so it will under read.

The only way to get a true reading is to either use a 'peak reading power meter' or to switch to CW (or FM) mode where you get a constant carrier. However, a long whistle on ssb will give you an approximate value.

Don't use AM for you power reading as the AM carrier level will only be 1/4 of the peak 100% modulated level.

73
Jeff

28905. Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-21 13:35:50 UTC
From: Steve Yates
Topic: 28895 Message: 28905

Hi Chuck,

Welcome to the group.

I have had the internal FP-30 power supply for a couple of years with zero problems. Very convenient.

I don't have any experience with the bolt on tuners.

As far as display readability goes, that is just personal preference. There certainly are better displays but a lot of information is displayed on the FT-897D.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams@...> wrote:
>
> Good Afternoon All,
>
> I am new to the forum as of today. I've been considering the FT-897D as my mobile, field day, EmComm rig as I really like the built-in flexibility of the unit.
>
> However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?
>
> I would greatly appreciate your consideration of my questions. I've read many Eham reviews and know the RX/TX qualities of this unit are said to be good. I certainly look forward to learning more about the 897.
>
> Thanks & 73,
> Chuck Williams, KJ4HBK

28906. Wanted - Dead FNB-78

Yahoo group: FT897 (2010)
Date: 2010-01-21 14:43:22 UTC
From: n4tzhradio
Topic: 28906 Message: 28906

I made this request awhile ago, but got no joy.

Anybody have a dead one or know where I can get the connector that plugs into the radio?

Thanks and 73,
Don - N4TZH

28907. Re: New FT-897D

Yahoo group: FT897 (2010)
Date: 2010-01-21 15:19:28 UTC
From: rschaffrath
Topic: 15848 Message: 28907

I picked up the FP-30B for mine so that I could transport it easier than carrying it and my Astron SS-25A around. I have thought about getting a mechanical SSB filter but so far have held off.

Robert, N2JTX

--- In FT897@yahoogroups.com, "Keith" <afa7mu@...> wrote:
>
> My new FT-897D should arrive from HRO tomorrow. I have been going through past messages trying to determine what "must have" accessories are for this unit.
>
> Currently I have a FT-950 and FT-450 (with internal ATU's) for my home station, and FT-857D in my cars. I run LDG Z100 tuners on the FT-857's and have been happy with them.
>
> This radio will be used in our motorhome, replacing the TS-140 I have ran for years.
>
> I am mainly interested in battery pack and tuner options, but the wide variety of choices for this radio are amazing. Is there any particular tuner or battery pack I should avoid?
>
> 73!
> Keith WD0FIA / AFA7MU
>

28908. portable POWER gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 15:29:00 UTC
From: ZephyrNYC
Topic: 28908 Message: 28908

Thanks to ALL of you for all your valuable input.

However, I could have preempted a lot of this discussion had I been more specific with our questions (and subject line). For this I apologize. The ham I'm referring to has been a United States Marine for years, and is NOT asking for tactical advice-- much appreciated though. He has access to a base commissary, PX, etc. for MREs, jugs of water, camping gear, etc. That facet has already been covered.

He also is NOT asking for advice on whether or not he should go to Haiti. His organization already has 150 doctors, nurses, paramedics, EMT-Bs, and Creole interpreters on the ground over there. Those personnel will eventually need to be relieved/replaced by "fresh" medical personnel in order for them to come home and recharge. These replacement medical personnel are making preparations as we speak, type, and read this ;)

I will definitely share and go over this info when we have more free time. Again, thank you all. Keep it coming :)

73,
Frank

---------- Forwarded message ----------
From: ZephyrNYC <zephyrnyc@...>
Date: Wed, Jan 20, 2010 at 07:36
Subject: gear for a trip to Haiti
To: zephyrnyc@...

Greetings,

I'm posting these questions here because there are a lot of portable experts in this group. I know of a ham who might be traveling to Haiti very soon (within a week), but will most likely be the lone ham in a group of medical personnel...

28909. Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 16:18:51 UTC
From: dyarnes1
Topic: 28869 Message: 28909

Hi Again,

Don't know what happened to the message I was typing, but it disappeard--probably got sent before I finished.

Anyway, to complete what I was saying, another important component is a good (and preferably small) tuner. All those rigs I mentioned have good internal ATU's available as accessories, but they won't work on all types of antennas. You never know what kind of antenna you might be forced to use in situations like this. A small MFJ like tuner, that will also work on balanced line fed antennas, is a very important addition to your field gear. In fact, using balanced line is better, since you can multi-band easier, and the feedline will be much easier to deal with than coax. Or, just use a random wire and counterpoise.

Anyway, if I were going to Haiti, that's what I'd use. As for power, you probably will have to rely on batteries, and hopefully you can find something usable down there. A small solar charger would be a good addition too.

Dave W7AQK

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> I'm posting these questions here because there are a lot of portable
> experts in this group. I know of a ham who might be traveling to
> Haiti very soon (within a week), but will most likely be the lone ham
> in a group of medical personnel. Where are the best places to
> purchase portable ham gear on short notice? Can you recommend a power
> system-- models of portable solar panels, batteries, chargers, power
> supplies, etc.? Thanks.
>
>
> 73,
> Frank
>

28910. Re: [FT897] Wanted - Dead FNB-78

Yahoo group: FT897 (2010)
Date: 2010-01-21 17:42:30 UTC
From: Finnigann
Topic: 28906 Message: 28910

On Thu, 21 Jan 2010 09:43:22 -0500, n4tzhradio <n4tzhradio@...>
wrote:

>
> I made this request awhile ago, but got no joy.

> Anybody have a dead one or know where I can get the connector that plugs
> into the radio?

> Thanks and 73,
> Don - N4TZH

Dunno if this helps, but look here:
http://www.action-electronics.com/molex.htm

If you're not sure if it's a molex plug, check this (large manual) out.

http://dw.hampedia.net:8080/downloads/yaesu/ham.dmz.ro.sch_serman_ft-897.pdf

It may even be in the group file drawer. This has got to be cheaper than
buying dead batteries.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28911. Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-21 18:49:55 UTC
From: JohnB
Topic: 28895 Message: 28911

The FT897D was my first (and still is my only) HF radio. When I set it up my plan was to have it portable for emergency use as well as use it as my base radio for my shack.
To that end I bought an external PS with excess capacity so I could run more than the FT897D with it. So with that reasoning I didn't even consider the internal AC supply. I also have a battery backup for my shack incase of a power outage.
My plan is to eventually put the internal batteries in it following my plan for portable use.
I've heard the LDG tuner is better than Yaesu's. One of the reasons for this is that the LDG FT897 tuner has a CAT port passthrough so that you can still use your CAT port with your computer while using the tuner. The Yaesu bolt-on tuner doesn't have that feature so you lose your CAT port to the tuner. I have a LDG FT897 tuner and am mostly happy with it. I just wish they had an LED to show that it's in bypass mode. Other than that, operating the LDG tuner is a one button operation.
I've had no problems reading the 897's display at any time. There are options to change the backlight color and LCD contrast as well at making the frequency readout larger (at the expense of other info). HRD through the CAT port eliminates any questions about the display, and a netbook running HRD would be usable during field operations. Using HRD limits you to the LDG bolt-on tuner as your only bolt-on choice as you'll need the CAT port passthrough.

Hope this helps.

John - KE7WNB

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams@...> wrote:
>
> Good Afternoon All,
>
> I am new to the forum as of today. I've been considering the FT-897D as my mobile, field day, EmComm rig as I really like the built-in flexibility of the unit.
>
> However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?
>
> I would greatly appreciate your consideration of my questions. I've read many Eham reviews and know the RX/TX qualities of this unit are said to be good. I certainly look forward to learning more about the 897.
>
> Thanks & 73,
> Chuck Williams, KJ4HBK
>

>
>

28912. Re: [FT897] Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-21 20:57:34 UTC
From: Danny Loyd
Topic: 28895 Message: 28912

I have the LDG AT-897 bolt on tuner with my unit and love it. As I heard the other day, "it will tune a wet noodle."

Danny
KE5WDI

From: Steve Yates <aa5tb@...>
To: FT897@yahoogroups.com
Sent: Thu, January 21, 2010 7:35:50 AM
Subject: [FT897] Re: Introduction & Questions

Hi Chuck,

Welcome to the group.

I have had the internal FP-30 power supply for a couple of years with zero problems. Very convenient.

I don't have any experience with the bolt on tuners.

As far as display readability goes, that is just personal preference. There certainly are better displays but a lot of information is displayed on the FT-897D.

73,
Steve - AA5TB

--- In FT897@yahoogroups. com, "Chuck Williams" <cwilliams@. ..> wrote:
>
> Good Afternoon All,
>
> I am new to the forum as of today. I've been considering the FT-897D as my mobile, field day, EmComm rig as I really like the built-in flexibility of the unit.
>
> However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?
>
> I would greatly appreciate your consideration of my questions. I've read many Eham reviews and know the RX/TX qualities of this unit are said to be good. I certainly look forward to learning more about the 897.
>
> Thanks & 73,

> Chuck Williams, KJ4HBK

[Non-text portions of this message have been removed]

28913. Re: [FT897] New FT-897D

Yahoo group: FT897 (2010)
Date: 2010-01-21 22:17:09 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 15848 Message: 28913

Welcome to the group, Keith.

Of course, for a tuner you might prefer the LDG AT-897, because it bolts onto the FT-897D. I believe it is essentially the same tuner as the Z100.

As for power, I use an Astron switching supply normally, and AGM batteries for emergency power.

After you get your '897, I would be interested to hear your thoughts about the differences between the FT-897, FT-450, and FT-950. I am considering purchasing either an FT-450 or FT-950 and making my FT-897 a strictly portable unit.

Rob
AF6CM

On Wed, 20 Jan 2010 21:26 +0000, "Keith" <afa7mu@...>
wrote:
My new FT-897D should arrive from HRO tomorrow. I have been going through past messages trying to determine what "must have" accessories are for this unit.
Currently I have a FT-950 and FT-450 (with internal ATU's) for my home station, and FT-857D in my cars. I run LDG Z100 tuners on the FT-857's and have been happy with them.
This radio will be used in our motorhome, replacing the TS-140 I have ran for years.
I am mainly interested in battery pack and tuner options, but the wide variety of choices for this radio are amazing. Is there any particular tuner or battery pack I should avoid?
73!
Keith WD0FIA / AFA7MU

28914. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 22:55:32 UTC
From: jim hyde
Topic: 28869 Message: 28914

guns and knives are issued when you got through customs in that hell hole of a mess...why would anyone go there for a dxpidition

jim

_____
From: Richard Corfield <richard.corfield@...>
To: FT897@yahoogroups.com
Sent: Wed, January 20, 2010 2:38:14 PM
Subject: Re: [FT897] Re: gear for a trip to Haiti

If you turn up in the UK with a gun you'll be arrested. Check the local customs.

Ideally if you're going to help you'd be going with a charity or group that is geared up to help and you'll be there as part of a plan to help. That means from a radio point of view I'd assume that the group of doctors know that there's someone on the other end listening, or that this person is a doctor going out as a doctor and the radio is "extra just in case". Doctoring is a wonderful skill in a situation like that.

The news we're getting in the UK is how wonderful the country communications infrastructure is and how big corporations are even now reconnecting the internet and mobile phone networks. Maybe that's only in the "important" areas. Amateur radio has not been mentioned in the news. (It didn't get mentioned in the news coverage of the UK flooding, even though it played a part.) It's good that technical skills are useful in today's emergency responses.

I'd suggest making sure the help is needed, and making sure that it is part of a well organised plan involving all the right people. If it was me (not a doctor) I'd ask the charities involved if my skills were useful, though I not be confident that they are because my experience in safety comms is limited to covering long distance sporting events with VHF. The on-air procedures may be similar, but the technical demands quite different.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28915. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 22:56:31 UTC
From: jim hyde
Topic: 28869 Message: 28915

hell boy go to east ft worth.

jim

[Non-text portions of this message have been removed]

28916. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 22:58:18 UTC
From: jim hyde
Topic: 28869 Message: 28916

nothing worse than a fake do gooder.. he should stay home and dink beer at the tittie bar which in my mind is constructive.

jim

[Non-text portions of this message have been removed]

28917. Meter will not move at all on Receive if station is weak

Yahoo group: FT897 (2010)
Date: 2010-01-22 03:06:16 UTC
From: wa4zvg
Topic: 28917 Message: 28917

I am having trouble getting the meter to move at all on Receive if the station is very far away. A repeater here in town that is full scale on my HT and Ft-857 and ft-100 will not even move the needle at all.

Have I missed a menu setting someplace.

It does the same thing on HF is the signal is weak.

Now I can get my neighbor to get on simplex, and he is 4 blocks away and it goes full scale.

What am I doing wrong??

28918. More 'mellow' sounding SSB TX audio out o my FT-897D ?

Yahoo group: FT897 (2010)
Date: 2010-01-21 12:05:03 UTC
From: simon.worsley
Topic: 28918 Message: 28918

Hi Gents

I am trying to get the best SSB TX audio out of my BAREFOOT 2 year old Yaesu FT-897D, using various base mics and adjusting the carrier offset balances menu number 16 and 18.

I have got it sounding as good as I can, but I am still told I sound quite 'narrow and thin' and lacking in 'mellowness'.

I have been advised to buy and install the Inrad filter that can be seen here:
http://www.inrad.net/product.php?productid=15&cat=126&page=1

Has anyone used this flter and can conirm it makes some differences in these respects?

I also found another 897 user (not on this group) who aswell as adding this Inrad filter, also added a 0.22uF across R1543 in the mic amp cct, who swears to me that these two changes made his TX SSB audio sound like a $10k radio not with the standard mic.

Looking forward to your replys, and thanks in advance for your help and comments.

Simon

28919. Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-21 16:50:55 UTC
From: David Okrent
Topic: 28869 Message: 28919

Why purchase when you can borrow. Contact your local American Red Cross Communications Team or ARES group and ask them for a loan and advice. You might also ask one or two members to show you their "go-kits" so you can see what they pack.

What you take depends on what frequencies and modes you have to support. 40 meter NVIS would cover the area well, but who would you talk to and why? Two meter is good and easy to build a quick 1/4 wave vertical or J-pole and get it up 20 feet or so, but who else has 2 meters? I suspect you will be helping maintain and keep track of whatever radios they already have and are using to communicate between themselves and other agencies.

What you can provide is a back up link to the US or another country via HF. So if a back up link to the US is needed than a NVIS is not what you want, but a horizontal dipole. Same wires and balun, but now two or three poles 30 feet high. I'd go with a 40 meter Windom and a tuner to get a wide choice of bands and I would set up twice a day checks with a few hams in the States to handle traffic, or use the ARRL Traffic Net.

Work Email: david.a.okrent@...
Home Email: dokrent@...

28920. Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-21 23:56:00 UTC
From: allanndis
Topic: 28920 Message: 28920

Name is Alan, KJ6BYO, new to the group. Greetings.

I have had a 897D since September (when I became a Technician class) and have been getting up to speed on the rig nicely but I have a couple of questions relating to MEM/VFO CH knob:

What does pushing the knob do besides put an icon on the lcd and disable memory tuning? And what does the outer ring on the knob do? Can't find answers in the (non-indexed) manual.

Thanks,

-Alan D.

KJ6BYO

28921. Re: [FT897] Re: SSB Power question is my thinking right

Yahoo group: FT897 (2010)
Date: 2010-01-21 19:07:11 UTC
From: skippy in space
Topic: 28899 Message: 28921

Thanks very much for that, Its what I thought but wanted to double check!

Out of interest for speech on SSB for 50w what would the ATU meter approx read?

I just find the hobby very frustrating at times, Call CQ with no answer, responding to CQ's with out any answer(or they suddenly change to CQ DX or NA), then when all hope is lost you work a couple of stations in the HA-DX comp. or whan as a Novice I worked a few US competition stations on 10w for the big US competition.

Overall though I like the FT-897 but just would like more time to operate as its the whole take the antenna outside, run the coax up the stairs, through the conservatory and then out side, (Have tried each antenna I have inside either at the back of the shack or in the conservatory but high SWR due to the granite and nearly being under ground kills all hope. Have thought about a slinky in the converted loft but again this would have to come down after each session and would be sorounded by Slate on all sides.

Had planned on getting my full in Feb so I could work from my Turkey QTH but have discovered that they still require morse, So I'm debating on what to do first.

Thanks again for the help

Ian
2M0BVN

On Thu, Jan 21, 2010 at 8:28 AM, g8hul <g8hul@...> wrote:

>
>
> >
> > I set the 897 to 50% Power (assuming 50% of 100w is 50w)
> > Go to transmit and the meter on the auto tuner shows a peak of about 20w
> >
> > The only time I get close to 50w on the meter is when I have the power
> set at 100%
> >
>
> You don't state under what conditions you are reading 20W on the tuner, but
> if it is during speech on ssb then you will be exceeding your 50W limit.
>
> The meter on your tuner will not be fast enough to follow the peaks in your
> speech on ssb, so it will under read.
>
> The only way to get a true reading is to either use a 'peak reading power

> meter' or to switch to CW (or FM) mode where you get a constant carrier.
> However, a long whistle on ssb will give you an approximate value.
>
> Don't use AM for you power reading as the AM carrier level will only be 1/4
> of the peak 100% modulated level.
>
> 73
> Jeff
>
>
>

[Non-text portions of this message have been removed]

28922. swr indicator

Yahoo group: FT897 (2010)
Date: 2010-01-22 10:51:23 UTC
From: nr3r15
Topic: 28922 Message: 28922

Three 897's all set exactally the same. One does not show SWR on the radio meter on FM only. It will show PWR/MOD etc as do the other two. It will show SWR on HF. I connected the FT Meter to it and that will now show SWR either. I know the radio is transmitting. Any ideas ? I did email Yaesu but that was a joke, still waiting for their reply.

tks 73
Larry / nr3r

28923. Re: [FT897] Meter will not move at all on Receive if station is weak

Yahoo group: FT897 (2010)
Date: 2010-01-22 11:05:50 UTC
From: DavidN
Topic: 28917 Message: 28923

I'd be interested in this answer too. My first 897, which became faulty on the VHF-UHF rx side, exhibited this behaviour but the replacement is much better for showing weak signals on the S-meter but still not perfect. I always felt the first 897 was lacking IF gain.... I just wonder if there is a tweak in the engineering menu for the S-meter?

Apologies if I've said something that others don't exactly like.... 'book' and 'instruction' come to mind from past posts....

.d. G4TUP/9H3CU.

On Fri, Jan 22, 2010 at 3:06 AM, wa4zvg <wa4zvg@...> wrote:

>
>
> I am having trouble getting the meter to move at all on Receive if the
> station is very far away. A repeater here in town that is full scale on my
> HT and Ft-857 and ft-100 will not even move the needle at all.
>
> Have I missed a menu setting someplace.
>
> It does the same thing on HF is the signal is weak.
>
> Now I can get my neighbor to get on simplex, and he is 4 blocks away and it
> goes full scale.
>
> What am I doing wrong??
>
>
>

[Non-text portions of this message have been removed]

28924. New FT897D

Yahoo group: FT897 (2010)
Date: 2010-01-22 13:06:36 UTC
From: Keith Carpenter
Topic: 28924 Message: 28924

My radio arrived yesterday. I copied my FT-857D programming into it, hooked up a MD100 mike to it, and started making contacts with it.

I probably won't do the MARS mod to it, as I will be keeping my TS-140 in the camper too, and it already has the capability.

The first QSO I had was on 3.970, everybody thought the radio sounded fantastic. They were discussing how the Dominican Hams got mugged and injured in Haiti, and had fled the island! The ARRL has info on it on the website http://www.arrl..org/news/stories/2010/01/18/11293/?nc=1, and even put it in the latest email. I found it interesting how it re-enforced some of the comments on the list!

I still have a few questions on tuners and batteries, but the responses have been great! Thanks guys!

73!

Keith WD0FIA / AFA7MU

[Non-text portions of this message have been removed]

28925. Re: SSB Power question is my thinking right

Yahoo group: FT897 (2010)
Date: 2010-01-22 13:16:43 UTC
From: g8hul
Topic: 28899 Message: 28925

> Thanks very much for that, Its what I thought but wanted to double check!
>
> Out of interest for speech on SSB for 50w what would the ATU meter approx
> read?

That is very difficult to answer as it will depend on the inertia in the meter and the way that you speak!! A long whistle will give you an indication something close to the rated o/p, but the peak on speech will depend on how loud you talk and mic gain settings etc.

73 Jeff

28926. Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-22 14:16:09 UTC
From: kd0gdv
Topic: 28895 Message: 28926

Here's my 2 cents. I've had my 897 for about 15 months and love it. There is no problem with my 60-year-old eyes reading the display.

Regarding batteries and a tuner, here's my recommendation: unless you're going to be using it in a pedestrian mobile situation and/or absolutely need battery power, I'd recommend an external power supply (Samlex 1223 is what I use--no RF hash, absolutely quiet, and only $100), and an external (non-bolt-on) LDG tuner (I have the LDG AT-100 Pro tuner and love it). My local club, and the local dealer (Associated Radio) both recommended staying away from the Yaesu bolt-on tuner because it was simply awful. The club guys absolutely hate it. As for the internal batteries, the overall concern is that they're expensive and not worth the hassle.

Again, my 2 cents, with the added opinions of a number of other local hams.

> --- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams@> wrote:

> > However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?

28927. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-22 14:15:14 UTC
From: ZephyrNYC
Topic: 28869 Message: 28927

Excuse me? Who is a fake do gooder?

Frank

On Thu, Jan 21, 2010 at 17:58, jim hyde <jnl96@...> wrote:

>
>
>
> nothing worse than a fake do gooder.. he should stay home and dink beer at
> the tittie bar which in my mind is constructive.
>
> jim
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28928. Re: [FT897] Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 14:22:59 UTC
From: Peter Grant
Topic: 28920 Message: 28928

Hello Alan

Pushing the Mem / VFO knob allows fast tuning in 1 MHz steps. [push then twist]

Unlike the af / rf knob which is 2 concentric knobs, the vfo knob just looks similar without having a movable outer ring. I did not read the whole manual and found the push option by accident !

73 _____ Peter EI4HX
ei4hxperimental@...

----- Original Message -----
From: allanndis
To: FT897@yahoogroups.com
Sent: Thursday, January 21, 2010 11:56 PM
Subject: [FT897] Mem/VFO CH knob

Name is Alan, KJ6BYO, new to the group. Greetings.

I have had a 897D since September (when I became a Technician class) and have been getting up to speed on the rig nicely but I have a couple of questions relating to MEM/VFO CH knob:

What does pushing the knob do besides put an icon on the lcd and disable memory tuning? And what does the outer ring on the knob do? Can't find answers in the (non-indexed) manual.

Thanks,

-Alan D.

KJ6BYO

[Non-text portions of this message have been removed]

28929. Re: [FT897] Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-22 14:32:51 UTC
From: Charles Scott
Topic: 28895 Message: 28929

All:

Quick note regarding batteries and pedestrian mobile. I did a test a while back running my 897 at 20W continuous key down on the internal batteries and while it was fully enclosed in my rucksack. After 1/2 hour, the radio had barely warmed up. It seems to be quite happy that way. I didn't work up an appropriate antenna configuration for it because I have another mil radio I use in that pack, but it should make a great manpack configuration as long as you can deal with control via the mic.

Chuck - N8DNX

On 1/22/2010 9:16 AM, kd0gdv wrote:
> Here's my 2 cents. I've had my 897 for about 15 months and love it. There is no problem with my 60-year-old eyes reading the display.
>
> Regarding batteries and a tuner, here's my recommendation: unless you're going to be using it in a pedestrian mobile situation and/or absolutely need battery power, I'd recommend an external power supply (Samlex 1223 is what I use--no RF hash, absolutely quiet, and only $100), and an external (non-bolt-on) LDG tuner (I have the LDG AT-100 Pro tuner and love it). My local club, and the local dealer (Associated Radio) both recommended staying away from the Yaesu bolt-on tuner because it was simply awful. The club guys absolutely hate it. As for the internal batteries, the overall concern is that they're expensive and not worth the hassle.
>
> Again, my 2 cents, with the added opinions of a number of other local hams.

28930. Re: [FT897] Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 14:53:18 UTC
From: n5iz
Topic: 28920 Message: 28930

the outer ring around vfo knob will change freq up and down...73 ray n5iz

---
From: Peter Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Fri, January 22, 2010 8:22:59 AM
Subject: Re: [FT897] Mem/VFO CH knob

Hello Alan

Pushing the Mem / VFO knob allows fast tuning in 1 MHz steps. [push then twist]

Unlike the af / rf knob which is 2 concentric knobs, the vfo knob just looks similar without having a movable outer ring. I did not read the whole manual and found the push option by accident !

73 _____ Peter EI4HX
ei4hxperimental@...

----- Original Message -----
From: allanndis
To: FT897@yahoogroups.com
Sent: Thursday, January 21, 2010 11:56 PM
Subject: [FT897] Mem/VFO CH knob

Name is Alan, KJ6BYO, new to the group. Greetings.

I have had a 897D since September (when I became a Technician class) and have been getting up to speed on the rig nicely but I have a couple of questions relating to MEM/VFO CH knob:

What does pushing the knob do besides put an icon on the lcd and disable memory tuning? And what does the outer ring on the knob do? Can't find answers in the (non-indexed) manual.

Thanks,

-Alan D.

KJ6BYO

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28931. Re: [FT897] swr indicator

Yahoo group: FT897 (2010)
Date: 2010-01-22 15:13:29 UTC
From: Joe
Topic: 28922 Message: 28931

Hi Larry.....

I learned a long time ago, that emails to radio distributors/manufacturers/etc., is a waste of time.....If I am trying to contact them for any reason, I wish an answer immediately, not next week.

Call them on the phone. In the world of cell phones, long distance charges are pretty much a thing of the past so.....

And I can state from experience, Yaesu is not bad, when it comes to their telephone support personnel.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "nr3r15" <nr3r15@...>
Subject: [FT897] swr indicator

> Three 897's all set exactally the same. One does not show SWR on the
> radio meter on FM only. It will show PWR/MOD etc as do the other two. It
> will show SWR on HF. I connected the FT Meter to it and that will now
> show SWR either. I know the radio is transmitting. Any ideas ? I did
> email Yaesu but that was a joke, still waiting for their reply.

28932. Re: [FT897] Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 16:23:38 UTC
From: Peter Grant
Topic: 28920 Message: 28932

----- Original Message -----
From: n5iz
To: FT897@yahoogroups.com
Sent: Friday, January 22, 2010 2:53 PM
Subject: Re: [FT897] Mem/VFO CH knob
The knob on my FT857 and FT 897 D, both have a knob with a solid one piece outer ring, no seperate outside skirt... just one solid knob, all one piece ???
has yours a concentric outer ring Ray, ???

73 Peter _____ EI4HX

the outer ring around vfo knob will change freq up and down...73 ray n5iz

_____
From: Peter Grant <ei4hxperimental@...>

Hello Alan

Pushing the Mem / VFO knob allows fast tuning in 1 MHz steps. [push then twist]

Unlike the af / rf knob which is 2 concentric knobs, the vfo knob just looks similar without having a movable outer ring. I did not read the whole manual and found the push option by accident !

73 _____ Peter EI4HX
ei4hxperimental@...

----- Original Message -----
From: allanndis

What does pushing the knob do besides put an icon on the lcd and disable memory tuning? And what does the outer ring on the knob do? Can't find answers in the (non-indexed) manual.

[Non-text portions of this message have been removed]

28933. Re: [FT897] Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 16:42:36 UTC
From: n5iz
Topic: 28920 Message: 28933

yes and it works to change freq..73 ray n5iz

_____
From: Peter Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Fri, January 22, 2010 10:23:38 AM
Subject: Re: [FT897] Mem/VFO CH knob

----- Original Message -----
From: n5iz
To: FT897@yahoogroups.com
Sent: Friday, January 22, 2010 2:53 PM
Subject: Re: [FT897] Mem/VFO CH knob
The knob on my FT857 and FT 897 D, both have a knob with a solid one piece outer ring, no seperate outside skirt... just one solid knob, all one piece ???
has yours a concentric outer ring Ray, ???

73 Peter _____ EI4HX

the outer ring around vfo knob will change freq up and down...73 ray n5iz

_____
From: Peter Grant <ei4hxperimental@...>

Hello Alan

Pushing the Mem / VFO knob allows fast tuning in 1 MHz steps. [push then twist]

Unlike the af / rf knob which is 2 concentric knobs, the vfo knob just looks similar without having a movable outer ring. I did not read the whole manual and found the push option by accident !

73 _____ Peter EI4HX
ei4hxperimental@...

----- Original Message -----
From: allanndis

What does pushing the knob do besides put an icon on the lcd and disable memory tuning? And what does the outer ring on the knob do? Can't find answers in the (non-indexed) manual.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28934. Re: Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 19:15:05 UTC
From: allanndis
Topic: 28920 Message: 28934

OK, thanks for the replies.

First, I was mistaken in stating the MEM/VFO CH knob had a moveable outer ring. It only LOOKS like it does. Weird.

However, when I push the knob, it becomes inert. Normally the knob appears to either memory tune or advance frequency by 5 Khz, at least on my setup.

Pushing the knob also displays a small flag icon at the top of the lcd, which is not referenced at all in the manual that I could find. Also weird.

28935. RE: [FT897] Re: Mem/VFO CH knob

Yahoo group: FT897 (2010)
Date: 2010-01-22 19:59:20 UTC
From: Ted Wrobel
Topic: 28920 Message: 28935

Look thru the menu listings. You can assign certain functions to the knob when 'pushed'. One of these is power level. This seemed like a really great idea until you notice there in no way to know how much you've changed the level! Well, I can spin the knob a bunch to move up or down, sorta. There are some other functions avaliable that might be more useful. The 'flag' is a state indicator.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of allanndis
Sent: Friday, January 22, 2010 14:15
To: FT897@yahoogroups.com
Subject: [FT897] Re: Mem/VFO CH knob

OK, thanks for the replies.

First, I was mistaken in stating the MEM/VFO CH knob had a moveable outer ring. It only LOOKS like it does. Weird.

However, when I push the knob, it becomes inert. Normally the knob appears to either memory tune or advance frequency by 5 Khz, at least on my setup.

Pushing the knob also displays a small flag icon at the top of the lcd, which is not referenced at all in the manual that I could find. Also weird.

[Non-text portions of this message have been removed]

28936. Re: Wanted - Dead FNB-78

Yahoo group: FT897 (2010)
Date: 2010-01-22 20:40:03 UTC
From: David_J55
Topic: 28906 Message: 28936

Don,

The following link may have what you need.

http://www.pl-259.com/page4.html

73 de ki6fbx
David

--- In FT897@yahoogroups.com, "n4tzhradio" <n4tzhradio@...> wrote:
>
> I made this request awhile ago, but got no joy.
>
> Anybody have a dead one or know where I can get the connector that plugs into the radio?
>
> Thanks and 73,
> Don - N4TZH
>

28937. Re: [FT897] More 'mellow' sounding SSB TX audio out o my FT-897D ?

Yahoo group: FT897 (2010)
Date: 2010-01-22 21:08:59 UTC
From: DALE BLANCHARD
Topic: 28918 Message: 28937

----- Original Message -----
From: "simon.worsley" <simon.worsley@...>
To: FT897@yahoogroups.com
Sent: Thursday, January 21, 2010 4:05:03 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] More 'mellow' sounding SSB TX audio out o my FT-897D ?

Hi Gents

I am trying to get the best SSB TX audio out of my BAREFOOT 2 year old Yaesu FT-897D, using various base mics and adjusting the carrier offset balances menu number 16 and 18.

I have got it sounding as good as I can, but I am still told I sound quite 'narrow and thin' and lacking in 'mellowness'.

In that case do not use a narrow filter, the stock one will sound better.

A 2.7 filter sounds best . A 2.1 makes some women sound like men.

Dale

[Non-text portions of this message have been removed]

28938. using morse code (CW) SWR SHOWS ONLY ON THE DASH NOT DOT

Yahoo group: FT897 (2010)
Date: 2010-01-23 01:15:46 UTC
From: cinninnatti
Topic: 28938 Message: 28938

MY SWR ON MY FT- 897D SHOWS HIGH SWR WHEN SENDING CODE ONLY WHEN I KEY DASH NOT THE DOT, BUT ON MY LDG METER IT ONLY SHOWS 1.5 SWR, IS THIS NORMAL WHEN USING CW, NO SIGN OF HIGH SWR ON HF AT ALL.

THANK YOU
jACK

28939. Re: [FT897] More 'mellow' sounding SSB TX audio out o my FT-897D ?

Yahoo group: FT897 (2010)
Date: 2010-01-23 02:18:34 UTC
From: jim hyde
Topic: 28918 Message: 28939

dont worry about it dis be ham radio. after being in this hobby for 55 years i dont get over concerned about how i sound. if i did care i would be on cw or am :-) ssm is ssm make some adjustment for what sounds sort of good then enjoy talking. after all you dont have to listen to yourself

jim

_____
From: DALE BLANCHARD <wa7ixk@embarqmail.com>
To: FT897@yahoogroups.com
Sent: Fri, January 22, 2010 3:08:59 PM
Subject: Re: [FT897] More 'mellow' sounding SSB TX audio out o my FT-897D ?

----- Original Message -----
From: "simon.worsley" <simon.worsley@ yahoo.com>
To: FT897@yahoogroups. com
Sent: Thursday, January 21, 2010 4:05:03 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] More 'mellow' sounding SSB TX audio out o my FT-897D ?

Hi Gents

I am trying to get the best SSB TX audio out of my BAREFOOT 2 year old Yaesu FT-897D, using various base mics and adjusting the carrier offset balances menu number 16 and 18.

I have got it sounding as good as I can, but I am still told I sound quite 'narrow and thin' and lacking in 'mellowness' .

In that case do not use a narrow filter, the stock one will sound better.

A 2.7 filter sounds best . A 2.1 makes some women sound like men.

Dale

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28940. auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-23 02:27:19 UTC
From: Mark Kliewer
Topic: 28940 Message: 28940

Does any body use the auto tunner that bolts on to the 897 and if so how does it work? I'm useing the z-100 now thanks mark kc7qhc

[Non-text portions of this message have been removed]

28941. OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-22 16:44:25 UTC
From: prybry
Topic: 28941 Message: 28941

I'm thinking about mounting a short VHF/UHF mobile antenna on a 90 degree adapter and directly into back of the radio... Is this a problem? radio acting as the ground plane might be a bad idea?

Need to reduce transmit power?

Thoughts?

Why do this? I'm in MN and 3 ft of snow in backyard is keeping me from mounting a outside antenna until spring...

Thanks,

Brian
K0BDD

28942. Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-22 15:43:45 UTC
From: prybry
Topic: 28942 Message: 28942

Last night I finally got a chance to connect my 897 to my computer via a serial/CAT cable... I fired up Ham Radio Deluxe and after a little playing around with settings got everything working great... What a sweet program!

Anyway, my problem started when my wife asked me to turn the radio down... so I plugged in a set of head phones at the radio. Once I did that I noticed a pulse sound that sounded like the radio tuning through HRD. It was clearly linked to the radio in some way since when I turned the radio dial it changed speed... and here is the strange part... when I would press and hold the left mouse button down the pulsing would stop!?!?

The noise is not present with the head phones unplugged...
It does not change in volume when I adjust the volume on the radio...
It goes away when HRD is shut down... but computer is still on.
It changes pulse rate when you change anything on the radio or HRD screen... like the CAT commands are being picked up by the head phones.

Anybody else have this noise issue with head phones on HRD?

I'm stumped... Any suggestions?

Brian
K0BDD

28943. Re: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 02:54:14 UTC
From: ZephyrNYC
Topic: 28942 Message: 28943

I'll take a stab. Is it a wireless mouse? Are your cables brand new or old?

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little
Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 – April 17, 1790),
one of the founding fathers of the United States of America, printer,
scientist, inventor, civic activist, and diplomat

28944. Re: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 02:56:19 UTC
From: ZephyrNYC
Topic: 28942 Message: 28944

Also, have you tried using a different pair of headphones?

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little
Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 – April 17, 1790),
one of the founding fathers of the United States of America, printer,
scientist, inventor, civic activist, and diplomat

28945. RE: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 03:16:01 UTC
From: Tate Antrim
Topic: 28942 Message: 28945

I get this in my setup as well. If I turn off HRD and DM780 it goes away - I think thought he culprit might be DM780 when it goes off then the noise goes away. It doesn't affect receive just comes through the speaker. I didn't notice it until I set the 897 to run at maximum baudrate with the PC. It is really noticeable on 6m or any really quiet band for that matter in SSB.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ZephyrNYC
Sent: Friday, January 22, 2010 9:56 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Also, have you tried using a different pair of headphones?

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790), one of the founding fathers of the United States of America, printer, scientist, inventor, civic activist, and diplomat

---

Yahoo! Groups Links

28946. RE: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 03:17:32 UTC
From: Tate Antrim
Topic: 28942 Message: 28946

Btw...mine comes through on the speaker. It might be more pronounced with the higher baudrates...just a thought. I don't worry about it now since I know it isn't a problem with the rig.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ZephyrNYC
Sent: Friday, January 22, 2010 9:56 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected to computer running HRD

Also, have you tried using a different pair of headphones?

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little
Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790), one of the founding fathers of the United States of America, printer, scientist, inventor, civic activist, and diplomat

---

Yahoo! Groups Links

28947. Re: [FT897] OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 03:22:30 UTC
From: Paul Harris
Topic: 28941 Message: 28947

Not a good idea rf will get in and effect settings etc. . Mag mount antenna on top of fridge or metal garbidge can or even your car out side is better. I am using a full wave square loop on the in side wall for 44oMHZ right now works great made from coat hanger about 8.5 inches on each side and about 18.5 inches for 2 meters. Paul KB2VEC

[Non-text portions of this message have been removed]

28948. Re:auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-23 04:03:42 UTC
From: Ronald Thompson
Topic: 28940 Message: 28948

I have been using the LDG 897 with no problems for three years. It has a wider range than the Yaesu tuner.It also has another CAT port on the back which the Yaesu doesn't. .

Ron
N3AEP

28949. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 11:12:48 UTC
From: nr3r15
Topic: 28941 Message: 28949

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> I'm thinking about mounting a short VHF/UHF mobile antenna on a 90 degree adapter and directly into back of the radio... Is this a problem? radio acting as the ground plane might be a bad idea?

Although not a mobile antenna, I have been using the MFJ-1717PL "Back of the radio" antenna without any issues. You may want to take a look at that.
73

Larry / nr3r

28950. Re: [FT897] Re:auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-23 11:48:27 UTC
From: Richard Corfield
Topic: 28940 Message: 28950

I'm investigating the Z11-Pro on the basis that I may in future change radio, though the LDG 897 does have the advantages of powering off the CAT port and bolting neatly to the side of the radio. Does it work with the radio's "Tune" controls? At the moment I'm using a manual tuner, but an autotuner sounds convenient. The LDG tuners seem well received.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

28951. Re: swr indicator

Yahoo group: FT897 (2010)
Date: 2010-01-23 13:44:49 UTC
From: Hank
Topic: 28922 Message: 28951

I have to agree with e-mail support and large companies as I deal with technical companies regularly with my job. However, I was pleasantly surprised by Yaesu recently. I lost my belt clip for my VX-170, so I e-mailed their support asking how I go about purchasing a new one. They replied thanking me for contacting them, and told me to give them my address and they would send me one, no charge. Five days later, a new belt clip arrived in the mail. Very impressed!

Hank / KB4MTO

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> Hi Larry.....
>
> I learned a long time ago, that emails to radio
> distributors/manufacturers/etc., is a waste of time.....If I am trying to
> contact them for any reason, I wish an answer immediately, not next week.
>
> Call them on the phone. In the world of cell phones, long distance charges
> are pretty much a thing of the past so.....
>
> And I can state from experience, Yaesu is not bad, when it comes to their
> telephone support personnel.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "nr3r15" <nr3r15@...>
> Subject: [FT897] swr indicator
>
>
> > Three 897's all set exactally the same. One does not show SWR on the
> > radio meter on FM only. It will show PWR/MOD etc as do the other two. It
> > will show SWR on HF. I connected the FT Meter to it and that will now
> > show SWR either. I know the radio is transmitting. Any ideas ? I did
> > email Yaesu but that was a joke, still waiting for their reply.
>

28952. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:32:30 UTC
From: prybry
Topic: 28942 Message: 28952

Yes, it's a Microsoft wireless mouse... I tried the standard wired mouse... no change.

CAT Cable is brand new and from Yaesu...

Brian
K0BDD

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> I'll take a stab. Is it a wireless mouse? Are your cables brand new or old?
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
>
> - attributed to Benjamin Franklin (January 17, 1706 ☐ April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>

28953. Re: [FT897] Re: gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:34:05 UTC
From: ZephyrNYC
Topic: 28869 Message: 28953

What, Jim? You typed all that, and now you can't answer a simple question?

WHO is the fake do-gooder?

Fran k

On Thu, Jan 21, 2010 at 17:58, jim hyde <jnl96@...> wrote:

>
>
>
> nothing worse than a fake do gooder.. he should stay home and dink beer at
> the tittie bar which in my mind is constructive.
>
> jim
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28954. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:33:56 UTC
From: prybry
Topic: 28942 Message: 28954

Tried a set of ear buds too... no change.

Brian
K0BDD

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Also, have you tried using a different pair of headphones?
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
>
> - attributed to Benjamin Franklin (January 17, 1706 ☐ April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>

28955. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:36:27 UTC
From: prybry
Topic: 28942 Message: 28955

I changed the rate to 4800 and it did change the frequency of pulse but didn't go away...

Yes, it does go away with HRD shut down... I'm not running DM780 yet.

Brian
K0BDD

--- In FT897@yahoogroups.com, "Tate Antrim" <kd8hja@...> wrote:
>
> I get this in my setup as well. If I turn off HRD and DM780 it goes away -
> I think thought he culprit might be DM780 when it goes off then the noise
> goes away. It doesn't affect receive just comes through the speaker. I
> didn't notice it until I set the 897 to run at maximum baudrate with the PC.
> It is really noticeable on 6m or any really quiet band for that matter in
> SSB.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ZephyrNYC
> Sent: Friday, January 22, 2010 9:56 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected
> to computer running HRD
>
> Also, have you tried using a different pair of headphones?
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
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> - attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
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> ------------------------------------
>
> Yahoo! Groups Links
>

28956. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:39:51 UTC
From: prybry
Topic: 28941 Message: 28956

Yes, I'm running a mag mount stuck to the top of the fireplace hood in the living room where my radio desk is... I've seen portable setups running the antenna right on the radio and thought I would ask...

Thanks, that's what I thought too...
Brian
K0BDD

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Not a good idea rf will get in and effect settings etc. . Â Mag mount antenna on top of fridge or metal garbidge can or even your car out side is better. Â I am using a full wave square loop on the in side wall for 44oMHZ right now works great Â made from coat hanger about 8.5 inches on each side Â and about 18.5 inches for 2 meters. Â Paul KB2VEC
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> [Non-text portions of this message have been removed]

>

28957. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:41:46 UTC
From: prybry
Topic: 28941 Message: 28957

Do you run full power or reduced when you use it?

thanks,
Brian
K0BDD

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "prybry" <bdallman@> wrote:
> >
> > I'm thinking about mounting a short VHF/UHF mobile antenna on a 90 degree adapter and directly into back of the radio... Is this a problem? radio acting as the ground plane might be a bad idea?
>
>
>
> Although not a mobile antenna, I have been using the MFJ-1717PL "Back of the radio" antenna without any issues. You may want to take a look at that.
> 73
>
> Larry / nr3r
>

28958. RE: [FT897] auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-23 14:55:27 UTC
From: Ken Bandy
Topic: 28940 Message: 28958

Mark, there are two tuners (that I know of) that will bolt on the side of the FT-897: Yaesu's FC-30 and LDG's AT-897. When I bought my FT-897D about 4 years ago, I also bought the FP-30 power supply and the FC-30 tuner with it. The FP-30 was a great accessory, the FC-30 not so much. After a couple of months of use, I bought a LDG AT-897 tuner (that also bolts on to the radio), and put the FC-30 back in the box it came in, eventually selling it for pennies on the dollar. The FC-30 will only tune a 3:1 mismatch, while the AT-897 will tune up to a 10:1 mismatch. LDG has recently come out with the AT-897plus. From what I understand, when you press the tune button on the unit, it will cause the radio to tune automatically at low power. With the original AT-897, I manually turn the power down.

73,
Ken
KJ9B

> -----Original Message-----
> From: Mark Kliewer [mailto:kc7qhc1@...]
> Sent: Friday, January 22, 2010 9:27 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] auto tunner
>
> Does any body use the auto tunner that bolts on to the 897
> and if so how does it work? I'm useing the z-100 now thanks
> mark kc7qhc
>

28959. Re: [FT897] Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 16:48:20 UTC
From: Paul Harris
Topic: 28941 Message: 28959

full power 50 watts on 2meters 20 on 440.

--- On Sat, 1/23/10, prybry <bdallman@...> wrote:

From: prybry <bdallman@...>
Subject: [FT897] Re: OK to mount VHF/UHF antenna directly to radio?
To: FT897@yahoogroups.com
Date: Saturday, January 23, 2010, 9:41 AM

Do you run full power or reduced when you use it?

thanks,

Brian

K0BDD

--- In FT897@yahoogroups. com, "nr3r15" <nr3r15@...> wrote:

>

>

>

> --- In FT897@yahoogroups. com, "prybry" <bdallman@> wrote:

> >

> > I'm thinking about mounting a short VHF/UHF mobile antenna on a 90 degree adapter and directly into back of the radio... Is this a problem? radio acting as the ground plane might be a bad idea?

>

>

>

> Although not a mobile antenna, I have been using the MFJ-1717PL "Back of the radio" antenna without any issues. You may want to take a look at that.

> 73

>

> Larry / nr3r

>

[Non-text portions of this message have been removed]

28960. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-23 17:01:07 UTC
From: prybry
Topic: 28941 Message: 28960

I guess I don't see the difference between the MFJ-1717PL and the Comet SSB2 on a 90 adapter... both would provide the same ground plane response.

Thanks,
Brian
K0BDD

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> full power 50 watts on 2meters 20 on 440.
>
> --- On Sat, 1/23/10, prybry <bdallman@...> wrote:
>
> From: prybry <bdallman@...>
> Subject: [FT897] Re: OK to mount VHF/UHF antenna directly to radio?
> To: FT897@yahoogroups.com
> Date: Saturday, January 23, 2010, 9:41 AM
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> Do you run full power or reduced when you use it?
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>
> thanks,
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> Brian
>
> K0BDD
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> --- In FT897@yahoogroups. com, "nr3r15" <nr3r15@> wrote:
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> > --- In FT897@yahoogroups. com, "prybry" <bdallman@> wrote:
>
> > >
>
> > > I'm thinking about mounting a short VHF/UHF mobile antenna on a 90 degree adapter and directly into back of the radio... Is this a problem? radio acting as the ground plane might be a bad idea?
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> > Although not a mobile antenna, I have been using the MFJ-1717PL "Back of the radio" antenna without any issues. You may want to take a look at that.
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> > 73
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> > Larry / nr3r
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> [Non-text portions of this message have been removed]
>

28961. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 17:09:08 UTC
From: prybry
Topic: 28942 Message: 28961

OK, I did a few more tests...
As mentioned in my last posts...
Wireless mouse and wire mouse both have no effect.
Head phone type has no effect...

I played with the polling rate in the HRD program, by extending the rate to 1000 ms it drasticly reduced the frequency of the pulses... no suprise.
I also changed the setting so that HRD stops polling when it's not active... so when I select a different program from the tool bar for example, it stops the pulsing on the radio.

So, it is something to do with the radio picking up the CAT command polling thru the radio... some internal shielding or filters perhaps.
Not sure where to go from here. At least I can make it disappear quickly now by selecting something other than HRD.

Thoughts?

Thanks,
Brian
K0BDD

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> Last night I finally got a chance to connect my 897 to my computer via a serial/CAT cable... I fired up Ham Radio Deluxe and after a little playing around with settings got everything working great... What a sweet program!
>
> Anyway, my problem started when my wife asked me to turn the radio down... so I plugged in a set of head phones at the radio. Once I did that I noticed a pulse sound that sounded like the radio tuning through HRD. It was clearly linked to the radio in some way since when I turned the radio dial it changed speed... and here is the strange part... when I would press and hold the left mouse button down the pulsing would stop!?!?
>
> The noise is not present with the head phones unplugged...
> It does not change in volume when I adjust the volume on the radio...
> It goes away when HRD is shut down... but computer is still on.
> It changes pulse rate when you change anything on the radio or HRD screen... like the CAT commands are being picked up by the head phones.
>
> Anybody else have this noise issue with head phones on HRD?
>
> I'm stumped... Any suggestions?
>
> Brian

> K0BDD
>

28962. Re: Introduction & Questions

Yahoo group: FT897 (2010)
Date: 2010-01-23 17:14:12 UTC
From: chuckster0317
Topic: 28895 Message: 28962

Good Morning Group,

I want to thanks those who have replied to my reques. I've seen some replies thru the group web psge, but have been w/o DSL the last couple of days and therefore have not received any individual or group reflected emails.

Steve, thanks so much for the heads up regarding the LDG tunrt CAT port pass thru. I was not aware of that difference between the factory tuner & the LDG model. That makes a huge difference in my decision.

Thanks again to all others, I look forward to going through my Inbox for the rest of the messages. To anyone who may have sent me a note that bounced back. I humbly apologize. Please redirect those messages to me if you don't mind.

73,
Chuck Williams, KJ4HBK
PS- This note was assembled using an archaic laptop & dial-up connection that was V-E-R-Y slow. Please forgive any typos! :)

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Hi Chuck,
>
> Welcome to the group.
>
> I have had the internal FP-30 power supply for a couple of years with zero problems. Very convenient.
>
> I don't have any experience with the bolt on tuners.
>
> As far as display readability goes, that is just personal preference. There certainly are better displays but a lot of information is displayed on the FT-897D.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams@> wrote:
> >
> > Good Afternoon All,
> >
> > I am new to the forum as of today. I've been considering the FT-897D as my mobile, field day, EmComm rig as I really like the built-in flexibility of the unit.
> >
> > However, before making a purchase, I wanted to ask this group your preferences in a few areas. I'm just wondering how many are running the internal power supply versus an external; is the internal ps reliable ?; similar question for the Yaesu tuner compared to

the LDG bolt-on tuner; are the ranges & reliability comparable?, and finally how "readable" is that little display? I'm stuck with 47 year old eyes that may not like that small screen. I know HRD with the CAT is an option, but can you read the display in Field Day or EmComm situations?
> >
> > I would greatly appreciate your consideration of my questions. I've read many Eham reviews and know the RX/TX qualities of this unit are said to be good. I certainly look forward to learning more about the 897.
> >
> > Thanks & 73,
> > Chuck Williams, KJ4HBK
>

28963. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-23 20:07:54 UTC
From: Stan KA8SFP
Topic: 28942 Message: 28963

Say Brian,

It may be the timing refresh your hearing in the software program which also is on your computer.
I have had these noises in the past in industrial applications at work and at home in my ham gear....I purchased a quality USB to serial adapter which is truly opto isolated.
All my connections to my radio are opto isolated to keep these odd pulses and computer hums out of my receive.
B & B Electronic has the quality opto isolated cables.

This my not be your specific problem but your descript sure sounds like an isolation issue from computer to radio.

You can alway drop me an Email, we can chat on phone.

Best of luck

Stan
KA8SFP

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> OK, I did a few more tests...
> As mentioned in my last posts...
> Wireless mouse and wire mouse both have no effect.
> Head phone type has no effect...
>
> I played with the polling rate in the HRD program, by extending the rate to 1000 ms it drasticly reduced the frequency of the pulses... no suprise.
> I also changed the setting so that HRD stops polling when it's not active... so when I select a different program from the tool bar for example, it stops the pulsing on the radio.
>
> So, it is something to do with the radio picking up the CAT command polling thru the radio... some internal shielding or filters perhaps.
> Not sure where to go from here. At least I can make it disappear quickly now by selecting something other than HRD.
>
> Thoughts?
>
> Thanks,
> Brian
> K0BDD
>
>

> --- In FT897@yahoogroups.com, "prybry" <bdallman@> wrote:
> >
> > Last night I finally got a chance to connect my 897 to my computer via a serial/CAT cable... I fired up Ham Radio Deluxe and after a little playing around with settings got everything working great... What a sweet program!
> >
> > Anyway, my problem started when my wife asked me to turn the radio down... so I plugged in a set of head phones at the radio. Once I did that I noticed a pulse sound that sounded like the radio tuning through HRD. It was clearly linked to the radio in some way since when I turned the radio dial it changed speed... and here is the strange part... when I would press and hold the left mouse button down the pulsing would stop!?!?
> >
> > The noise is not present with the head phones unplugged...
> > It does not change in volume when I adjust the volume on the radio...
> > It goes away when HRD is shut down... but computer is still on.
> > It changes pulse rate when you change anything on the radio or HRD screen... like the CAT commands are being picked up by the head phones.
> >
> > Anybody else have this noise issue with head phones on HRD?
> >
> > I'm stumped... Any suggestions?
> >
> > Brian
> > K0BDD
> >
>

28964. Re: [FT897] Re:auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-23 21:47:42 UTC
From: Finnigann
Topic: 28940 Message: 28964

On Sat, 23 Jan 2010 06:48:27 -0500, Richard Corfield
<richard.corfield@gmail.com> wrote:

>
> I'm investigating the Z11-Pro on the basis that I may in future change
> radio, though the LDG 897 does have the advantages of powering off the
> CAT
> port and bolting neatly to the side of the radio. Does it work with the
> radio's "Tune" controls? At the moment I'm using a manual tuner, but an
> autotuner sounds convenient. The LDG tuners seem well received.

This is what I'm using and it's 'no problems' so far. I tune an OCF dipole.

>

> - Richard (M0RJC)

> [Non-text portions of this message have been removed]

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28965. Re: AT-897 Problem

Yahoo group: FT897 (2010)
Date: 2010-01-23 22:06:34 UTC
From: computererds
Topic: 24440 Message: 28965

Even suggestions that aren't the answer are valid, unless the underlying facts are wrong. In this example, I just searched for cat failure because I am looking to fix someones radio, and I did not know about this common fuse problem. That's why this is a forum, it is for multiple ideas and archived for referance of the collective knowledge.

Ryan w8cya

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Like he says below, he can get it to tune by doing a manual tune, so
> the tuner is getting power from the radio.
>
> Ken
> KJ9B
>
>
> --- In FT897@yahoogroups.com, "n5ztw@" <n5ztw@> wrote:
> >
> > Could this be a case of the infamous ACCY fuse blown?
> > I think it's soldered to one of the boards.
> > Have you owned the radio from new?
> > Del N5ZTW
> >
> > ----- Original Message Follows -----
> > From: Lou Roux <lrouxx@>
> > To: FT897@yahoogroups.com
> > Subject: Re: [FT897] Re: AT-897 Problem
> > Date: Sun, 21 Dec 2008 10:31:34 -0800
> >
> > > Hi all,
> > >
> > > Like I stated in my original post the tuner is brand new,
> > > I opened the box myself, all cables are new and inserted
> > > in the proper holes including the Y-ACC red/black cable
> > > oriented properly (tried it both ways just in case). The
> > > problem is when pressing the tune button on the tuner
> > > it's not keying the radio so there's no tuning action. If
> > > I put the radio in AM or FM etc. mode then press the mic
> > > then press the tune button it does it's thing like it
> > > should. I don't know if the problem is the fault of the
> > > tuner or the radio, I've e-mailed LDG but don't expect an
> > > answer until next week.
> > >
> > > Thanks again to all that offered suggestions, I'll let you
> > > know the final outcome.

> > >
> > > Lou - W6UR
> > >
>

28966. High SWR only with HRD?!

Yahoo group: FT897 (2010)
Date: 2010-01-24 00:44:20 UTC
From: computererds
Topic: 28966 Message: 28966

I have run into a problem I can't get my head around. Every time I tx via cat in hrd, I get an infinitely high swr. I get a normal swr keying the mic, and the keyer, but somehow in HRD, any tx inside of the program gives and infinite swr and then naturally the high swr warning.

This is blowing my mind. Anyone have any idea what this is about?

--Ryan, w8cya

28967. RE: [FT897] Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-24 03:42:11 UTC
From: Chet S
Topic: 28942 Message: 28967

Brian,

I think this is common in the 897- it is polling noise from the serial port.
No known cure.

The thing I did was add a resistor attenuator in the audio line so that I had to turn up the volume control further which makes it less noticeable then, since it is more a common mode noise not dependent on volume control setting.

73
Chet, N8RA.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of prybry
Sent: Saturday, January 23, 2010 12:09 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

OK, I did a few more tests...
As mentioned in my last posts...
Wireless mouse and wire mouse both have no effect.
Head phone type has no effect...

I played with the polling rate in the HRD program, by extending the rate to 1000 ms it drasticly reduced the frequency of the pulses... no suprise.
I also changed the setting so that HRD stops polling when it's not active... so when I select a different program from the tool bar for example, it stops the pulsing on the radio.

So, it is something to do with the radio picking up the CAT command polling thru the radio... some internal shielding or filters perhaps.
Not sure where to go from here. At least I can make it disappear quickly now by selecting something other than HRD.

Thoughts?

Thanks,
Brian
K0BDD

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "prybry" <bdallman@...> wrote:

>
> Last night I finally got a chance to connect my 897 to my computer via a serial/CAT cable... I fired up Ham Radio Deluxe and after a little playing around with settings got everything working great... What a sweet program!
>
> Anyway, my problem started when my wife asked me to turn the radio down... so I plugged in a set of head phones at the radio. Once I did that I noticed a pulse sound that sounded like the radio tuning through HRD. It was clearly linked to the radio in some way since when I turned the radio dial it changed speed... and here is the strange part... when I would press and hold the left mouse button down the pulsing would stop!?!?
>
> The noise is not present with the head phones unplugged...
> It does not change in volume when I adjust the volume on the radio...
> It goes away when HRD is shut down... but computer is still on.
> It changes pulse rate when you change anything on the radio or HRD screen... like the CAT commands are being picked up by the head phones.
>
> Anybody else have this noise issue with head phones on HRD?
>
> I'm stumped... Any suggestions?
>
> Brian
> K0BDD
>

[Non-text portions of this message have been removed]

28968. Re: [FT897] Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-24 03:51:13 UTC
From: ZephyrNYC
Topic: 28942 Message: 28968

Brian,

That was gonna be my next suggestion, but Stan beat me to it. Try buying a different brand of cables, and replace them ONE BY ONE till the noise is gone.

73,
Frank

On Sat, Jan 23, 2010 at 15:07, Stan KA8SFP <ka8sfp@...> wrote:

>
>
> Say Brian,
>
> It may be the timing refresh your hearing in the software program which
> also is on your computer.
> I have had these noises in the past in industrial applications at work and
> at home in my ham gear....I purchased a quality USB to serial adapter which
> is truly opto isolated.
> All my connections to my radio are opto isolated to keep these odd pulses
> and computer hums out of my receive.
> B & B Electronic has the quality opto isolated cables.
>
> This my not be your specific problem but your descript sure sounds like an
> isolation issue from computer to radio.
>
> You can alway drop me an Email, we can chat on phone.
>
> Best of luck
>
> Stan
> KA8SFP
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "prybry"
> <bdallman@...> wrote:
> >
> > OK, I did a few more tests...
> > As mentioned in my last posts...
> > Wireless mouse and wire mouse both have no effect.
> > Head phone type has no effect...
> >
> > I played with the polling rate in the HRD program, by extending the rate
> to 1000 ms it drasticly reduced the frequency of the pulses... no suprise.

> > I also changed the setting so that HRD stops polling when it's not
> active... so when I select a different program from the tool bar for
> example, it stops the pulsing on the radio.
> >
> > So, it is something to do with the radio picking up the CAT command
> polling thru the radio... some internal shielding or filters perhaps.
> > Not sure where to go from here. At least I can make it disappear quickly
> now by selecting something other than HRD.
> >
> > Thoughts?
> >
> > Thanks,
> > Brian
> > K0BDD
> >
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "prybry"
> <bdallman@> wrote:
> > >
> > > Last night I finally got a chance to connect my 897 to my computer via
> a serial/CAT cable... I fired up Ham Radio Deluxe and after a little playing
> around with settings got everything working great... What a sweet program!
> > >
> > > Anyway, my problem started when my wife asked me to turn the radio
> down... so I plugged in a set of head phones at the radio. Once I did that I
> noticed a pulse sound that sounded like the radio tuning through HRD. It was
> clearly linked to the radio in some way since when I turned the radio dial
> it changed speed... and here is the strange part... when I would press and
> hold the left mouse button down the pulsing would stop!?!?
> > >
> > > The noise is not present with the head phones unplugged...
> > > It does not change in volume when I adjust the volume on the radio...
> > > It goes away when HRD is shut down... but computer is still on.
> > > It changes pulse rate when you change anything on the radio or HRD
> screen... like the CAT commands are being picked up by the head phones.
> > >
> > > Anybody else have this noise issue with head phones on HRD?
> > >
> > > I'm stumped... Any suggestions?
> > >
> > > Brian
> > > K0BDD
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

28969. Assistance Please..... A BIT OFF TOPIC ..... Yaesu HAM RADIO related.... :)

Yahoo group: FT897 (2010)
Date: 2010-01-24 09:28:35 UTC
From: MM Ali
Topic: 28969 Message: 28969

Dears,

Hi,

I have FT 23Rs. Two units have not been used for over 4 years, and I have a very strong reason to believe that the electrolytic capacitors have gone faulty, and I am unable to locate/obtain them in India.

Is there any way you can help?
1. By sending these electrolytics?
2. By selling these electrolytics?
3. Recommending a source for these electrolytics.

Best Regards

MM Ali
vu2ali

28970. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-24 14:18:10 UTC
From: nr3r15
Topic: 28941 Message: 28970

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> Do you run full power or reduced when you use it?

I use full power at home and its great on internal battery when I need to pick it up and go.

Larry / nr3r

28971. Re:auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-24 14:31:06 UTC
From: ke5dfr@sbcglobal.net
Topic: 28940 Message: 28971

I use the LDG AT200 Pro with my FT897D and it works great. I do have an LDG AT897 that I use on my FT857 when on the road in the RV.

Personally I like the AT200 Pro much better than the AT897, but it works fine otherwise.

Ken

28972. Re: OK to mount VHF/UHF antenna directly to radio?

Yahoo group: FT897 (2010)
Date: 2010-01-24 17:46:25 UTC
From: jdkopke
Topic: 28941 Message: 28972

If you need something "quick and dirty" to run low power for very close repeaters, why not. Why pay for something, just homebrew. Use 19" of romex and solder it to a PL259. You can then bend it 90 degrees up. If you want dual band, solder both a 6 " and 19 " piece of romex and spread them apart into a vee. The rig would be the ground plane. I wouldn't use more than 10 watts on 2M or 5 on .70M since it would be in your face.

Dave [K0PKE]

28973. AM causes PC USB to disconnect and reconnect

Yahoo group: FT897 (2010)
Date: 2010-01-24 17:53:20 UTC
From: jdkopke
Topic: 28973 Message: 28973

Hello group,

When I use an AM carrier to tune a MFJ-901 tuner to an 80 meter inverted vee, my PC's USB goes crazy. It will disconnect, reconnect and tell me it work better with a USB 2.0. I disconnect my CAT cable and the same thing happens. Should I just use CW to tune? (my cheap key is mangle, I'll have to rig something up)

Dave K0PKE

28974. FT-897D, FT-817ND

Yahoo group: FT897 (2010)
Date: 2010-01-24 19:54:50 UTC
From: Jerry
Topic: 28974 Message: 28974

Hey guys, remember me? I was the founding member of the 'cw crackling' club a number of years back. You know, after all that complaining I did to Yaesu, numerous trips to radio dealers to confirm the problem on other 857's and 897's, etc, I never had mine fixed by Yaesu after they admitted the problem! I guess the battle was all the fun...

I've been lax in operating, mostly listening, and even not much of that for a few years.

I have an FT-897D and FT-817ND and was kicking around the idea of selling both and buying just one radio, most likely a PROIII, FT-2000, or an IC-7600(leading) or the Orion II.

So the reason(s) for this post:

1) What are they worth? I have the W4RT charger and batteries for the 897D. I also have a custom Collins optional 3.2 filter in the 897D. The 897D model has the DSP and has been professionally aligned including extensive bias adjustments and testing to clean-up the PA distortion, another problem never acknowledged by Yaesu. The 817 has an Elecraft auto tuner that works well.

2) Am I going to see that much of an improvement over the 897D when jumping up to the other radios, nameley the IC-7600 which is the prime candidate with a close second from the PROIII?

3) I'm primarily looking for a clean receive signal with hi-function DSP noise reduction. I've designed and implemented DSP externally using ADSP Sharc processors like those used in the high-end radios, in fact my AGC code is used from public domain in at least one of them, but don't feel like spending months getting what others have already done for random noise reduction in SSB mode. I've looked at the timewave dsp-599zx as an external option, but that doesn't sound as good as my design. The problem extends even further, in that once I get my external DSP tuned, I would have to build an external or computer interface for the box. I know the IC-7600 and Orion II have all this done already and reports are that ther random noise redution on SSB is getting pretty good.

So that sums it up. Give me some opinions, please, and if you have the other rigs to compare to the 897D, please chime in.

Jerry, KG6KGP

28975. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-24 20:09:38 UTC
From: Stan KA8SFP
Topic: 28942 Message: 28975

Say Gang,

I guess I should of give some detail on my USB -to- Serial cable which is Opto-Isolated.

B & B Electronics Part Number.
My cable part number for USB to Serial which uses Opto-isIsolation is: USO9ML2-LS

Stan

--- In FT897@yahoogroups.com, "Tate Antrim" <kd8hja@...> wrote:
>
> I get this in my setup as well. If I turn off HRD and DM780 it goes away -
> I think thought he culprit might be DM780 when it goes off then the noise
> goes away. It doesn't affect receive just comes through the speaker. I
> didn't notice it until I set the 897 to run at maximum baudrate with the PC.
> It is really noticeable on 6m or any really quiet band for that matter in
> SSB.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ZephyrNYC
> Sent: Friday, January 22, 2010 9:56 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected
> to computer running HRD
>
> Also, have you tried using a different pair of headphones?
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
>
> - attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>

28976. New file uploaded to FT897

Yahoo group: FT897 (2010)
Date: 2010-01-24 22:07:29 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 28976

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /RDF Files /k6jwb ft857 backup 01242010a.rdf
Uploaded by : ki6jwb <jonnybb1@...>
Description : San Diego area Repeaters and misc...

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/RDF%20Files%20/k6jwb%20ft857%20backup%2001242010
a.rdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

ki6jwb <jonnybb1@...>

28977. Re: [FT897] Assistance Please..... A BIT OFF TOPIC ..... Yaesu HAM RADIO related.... :)

Yahoo group: FT897 (2010)
Date: 2010-01-24 22:53:38 UTC
From: "Glenn (KØBO)"
Topic: 28969 Message: 28977

MM Ali wrote:

> I have FT 23Rs. Two units have not been used for over 4 years, and I have a very strong reason to believe that the electrolytic capacitors have gone faulty, and I am unable to locate/obtain them in India.
>
> Is there any way you can help?
> 1. By sending these electrolytics?
> 2. By selling these electrolytics?
> 3. Recommending a source for these electrolytics.
>

Try digikey.com they ship overseas and may even have an office in India.

Have you considered that some of the electrolytics can be replaced by off-value components without much effect on operations?

Higher voltage ratings are OK
Valuse of capacitance in power filter subsections can be -20% to >+100%

I've used caps out of newer junk equipment I have scavenged. Particularly, I've had good luck replacing older caps in small places with surface mounts.

28978. RE: [FT897] AM causes PC USB to disconnect and reconnect

Yahoo group: FT897 (2010)
Date: 2010-01-25 02:27:56 UTC
From: Chip Kroh, N3FUD
Topic: 28973 Message: 28978

CW and lower power. It sounds if you have RF getting into the computer.

Chip N3FUD

> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> jdkopke
> Sent: Sunday, January 24, 2010 12:53
> To: FT897@yahoogroups.com
> Subject: [FT897] AM causes PC USB to disconnect and reconnect
>
> Hello group,
>
> When I use an AM carrier to tune a MFJ-901 tuner to an 80 meter
> inverted
> vee, my PC's USB goes crazy. It will disconnect, reconnect and tell me
> it work better with a USB 2.0. I disconnect my CAT cable and the same
> thing happens. Should I just use CW to tune? (my cheap key is mangle,
> I'll have to rig something up)
>
> Dave K0PKE
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

28979. Re: AM causes PC USB to disconnect and reconnect

Yahoo group: FT897 (2010)
Date: 2010-01-25 04:26:59 UTC
From: n3zjy
Topic: 28973 Message: 28979

Thank you Chip for your reply

DUMB QUESTION: I receive a vanity call 2 months ago. My call is now K0PKE. Do I need to create a new profile or can I amend it with my new call?

Dave [formerly N3ZJY]

28980. Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-25 05:12:00 UTC
From: prybry
Topic: 28980 Message: 28980

I was paging through the operators manual for a FT857 on line... it includes a LCD display legend page... helps explain a few things I've not found in the FT897 manual.

Has anyone found documentation of the FT897 LCD?

Just curious...

Brian
K0BDD

28981. Re:auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-24 19:35:43 UTC
From: Mike_HL
Topic: 28940 Message: 28981

One of the folks at W4RT Electronics talked to me about auto-tuners at Dayton last year, and said that the Z-11 Pro was much better for the money than the AT-897, in terms of memories and tuning features. The info he gave me to read backed this up, and the tuner does work well on HF. What he didn't tell me, and I've found is posted on their website for the Z-11 Pro, is that they don't recommend it for the FT-857 and FT-897D because of the known problems of small amounts of RF being sent down the HF line when transmitting in VHF or UHF. lIn this case they recommend the AT-100Pro, which looks comparable. This is an annoyance, but can be dealt with by removing power from the tuner or putting it into manual mode vs. auto-tune mode when you're operating VHF/UHF.

Overall I'm happy with the tuner, it's working well with my G5RV collinear.

73's, Mike K7MHL

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> I'm investigating the Z11-Pro on the basis that I may in future change
> radio, though the LDG 897 does have the advantages of powering off the CAT
> port and bolting neatly to the side of the radio. Does it work with the
> radio's "Tune" controls? At the moment I'm using a manual tuner, but an
> autotuner sounds convenient. The LDG tuners seem well received.
>
> - Richard (M0RJC)
>
>
> [Non-text portions of this message have been removed]
>

28982. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-18 21:46:06 UTC
From: Dan Schaaf
Topic: 28842 Message: 28982

Paul

My 897D does not have 220 MHz and I am in the USA. Is there a mod?

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

28984. Re: [FT897] Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-25 05:39:36 UTC
From: Trixter aka Bret McDanel
Topic: 28980 Message: 28984

On Mon, 2010-01-25 at 05:12 +0000, prybry wrote:
>
> I was paging through the operators manual for a FT857 on line... it
> includes a LCD display legend page... helps explain a few things I've
> not found in the FT897 manual.
>
> Has anyone found documentation of the FT897 LCD?
>

I started to, there are kanji in the US version that you can only get to
by altering the memory data directly via the CAT port and not with the
knob. That is the only thing that I found. I was trying to make an
image of the data but could not find a suitable kanji map, and got
distracted and havent looked at it since.

http://www.0xdecafbad.com/?p=154

There is a graphic of what is in the manual and the values that the
memory can be set to for each icon.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28985. Re: [FT897] portable POWER gear for a trip to Haiti

Yahoo group: FT897 (2010)
Date: 2010-01-25 08:11:42 UTC
From: Finnigann
Topic: 28908 Message: 28985

On Thu, 21 Jan 2010 10:29:00 -0500, ZephyrNYC <ZephyrNYC@...> wrote:

>
>
> I will definitely share and go over this info when we have more free
> time. Again, thank you all. Keep it coming :)

Let us know how it turns out. Good luck to him/them.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28986. Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-25 15:14:27 UTC
From: prybry
Topic: 28986 Message: 28986

Over the weekend I built the CAT via Mic interface shown in the file section of this site... CAT-Mic.doc

Seemed pretty straight forward, although I built mine with a pair of punch down style CAT5 terminals and a $10 printer extension cable.

Plugged it in and tried to connect Ham Radio Deluxe (main reason to build the cable... since I have a FC30)

Yes, I did change the microphone setting to "CAT"...
I also played with the baud rates... still would not connect.
The mic works fine, it also has full fuction when the menu is set back to "MIC" so the pass through is working as intended in the build document.
I event went through a pin by pin check with a meter to test the cable, and it was correct (at least as shown in the instructions)

Has anyone built one of these and had it work? It seems like it should take more than 3 wires to communicate with a PC...

Thanks,
Brian
K0BDD

28987. Re: High SWR only with HRD?!

Yahoo group: FT897 (2010)
Date: 2010-01-25 16:03:21 UTC
From: Steve Yates
Topic: 28966 Message: 28987

Ryan,

Maybe HRD is activating the split function (SPL) and transmitting on whatever the other VFO is set to. Maybe you're actually transmitting on 160m when you think you're on 2m or something like that.

Other then something crazy like that I haven't a clue.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "computererds" <foster.ryan@...> wrote:
>
> I have run into a problem I can't get my head around. Every time I tx via cat in hrd, I get an infinitely high swr. I get a normal swr keying the mic, and the keyer, but somehow in HRD, any tx inside of the program gives and infinite swr and then naturally the high swr warning.
>
> This is blowing my mind. Anyone have any idea what this is about?
>
> --Ryan, w8cya
>

28988. When running 897 with HRD can you display both A/B freq.?

Yahoo group: FT897 (2010)
Date: 2010-01-25 16:33:39 UTC
From: prybry
Topic: 28988 Message: 28988

Does anyone know if Ham Radio Deluxe can display both VROa and VROb at the same time? There is a "Sub" freq. but it does not display...?
It's nice to have the A/B button on the screen, but it would be nice to "see" where your going before you hit it...

Thanks,
Brian
K0BDD

28989. Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-25 17:55:46 UTC
From: georgemadline
Topic: 28942 Message: 28989

I have had the same experiece. It is related to the cable connecting the radio and PC. It is more pronounced on some bands. I was able to eliminate it by reducing the baud rate of the serial port connecting the radio. Make sure you change both the radio and the RHD ort speed to be the same.

George
kc0woa

--- In FT897@yahoogroups.com, "Tate Antrim" <kd8hja@...> wrote:
>
> Btw...mine comes through on the speaker. It might be more pronounced with
> the higher baudrates...just a thought. I don't worry about it now since I
> know it isn't a problem with the rig.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ZephyrNYC
> Sent: Friday, January 22, 2010 9:56 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected
> to computer running HRD
>
> Also, have you tried using a different pair of headphones?
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
>
> - attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

28990. Re: [FT897] Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-25 08:51:18 UTC
From: willie hawkins
Topic: 28980 Message: 28990

hi page 13 displays lcd codes on user manual
willie

--- On Mon, 1/25/10, prybry <bdallman@...> wrote:

From: prybry <bdallman@...>
Subject: [FT897] Has anyone decoded all the icons on the 897 LCD?
To: FT897@yahoogroups.com
Date: Monday, January 25, 2010, 5:12 AM

I was paging through the operators manual for a FT857 on line... it includes a LCD display legend page... helps explain a few things I've not found in the FT897 manual.

Has anyone found documentation of the FT897 LCD?

Just curious...

Brian
K0BDD

[Non-text portions of this message have been removed]

28991. USB and LSB receiving at the same time !!!

Yahoo group: FT897 (2010)
Date: 2010-01-25 06:15:54 UTC
From: wb9sjz
Topic: 28991 Message: 28991

Has anyone else had a problem with the 897D on the USB/LSB reception where the supression of the opposite SSB is gone and you can receive both SSB's at one time. Changing from USB toi LSB gets you the same reception in full clarity! Has anyone else had this problem and if so, what is the solution???? Please let me know! If I turn the rig off for a few hours and then turn it on again, the SSB's work correct for a few hours and then the receiving both equally starts all over again. I have done a hard reset of the cpu unit a few times and it does not accomplish anything. amateurextra@mchsi.com wb9sjz-George

28992. RE: [FT897] Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-25 19:32:23 UTC
From: Brian Dallmann
Topic: 28980 Message: 28992

Hi Willie,
Yeah, I saw that…. But it says nothing about the “tune” icon in lower case verses “TUNR”… It also doesn’t say if you can still get a “H-SWR” with the tuner connected… or just “tune” as in out of range of the tuner. It doesn’t tell you enough. The 857D manual is better but different.

Thanks,
Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willie hawkins
Sent: Monday, January 25, 2010 2:51 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Has anyone decoded all the icons on the 897 LCD?

hi page 13 displays lcd codes on user manual
willie

--- On Mon, 1/25/10, prybry <bdallman@...<mailto:bdallman%40truth.com>> wrote:

From: prybry <bdallman@...<mailto:bdallman%40truth.com>>
Subject: [FT897] Has anyone decoded all the icons on the 897 LCD?
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Date: Monday, January 25, 2010, 5:12 AM

I was paging through the operators manual for a FT857 on line... it includes a LCD display legend page... helps explain a few things I've not found in the FT897 manual.

Has anyone found documentation of the FT897 LCD?

Just curious...

Brian
K0BDD

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

28993. RE: [FT897] Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

Yahoo group: FT897 (2010)
Date: 2010-01-25 19:40:17 UTC
From: Brian Dallmann
Topic: 28942 Message: 28993

Thanks everyone who responded... I've kind of moved on to the bigger problem of running HRD with a FC30 tuner... I built a mic/CAT cable that doesn't work... now I'm on the search for a better answer to that.

As long as I can make the sound go away by switching applications in Windows, I can live with it... dropped the baud rate to 4800 and it made a big change. Until I get my CAT cable situation sorted out it's fallen down on my priority list.

Thanks again,
Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of georgemadline
Sent: Monday, January 25, 2010 11:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Odd pulsing sound thru head set when 897 is connected to computer running HRD

I have had the same experiece. It is related to the cable connecting the radio and PC. It is more pronounced on some bands. I was able to eliminate it by reducing the baud rate of the serial port connecting the radio. Make sure you change both the radio and the RHD ort speed to be the same.

George
kc0woa

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "Tate Antrim" <kd8hja@...> wrote:
>
> Btw...mine comes through on the speaker. It might be more pronounced with
> the higher baudrates...just a thought. I don't worry about it now since I
> know it isn't a problem with the rig.
>
> -----Original Message-----
> From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
> ZephyrNYC
> Sent: Friday, January 22, 2010 9:56 PM
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] Odd pulsing sound thru head set when 897 is connected
> to computer running HRD
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> Also, have you tried using a different pair of headphones?
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> 73,

> Frank
>
> --
> http://www.theadvocates.org/quiz.html
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> "Those who would give up Essential Liberty to purchase a little
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> - attributed to Benjamin Franklin (January 17, 1706 - April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

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[Non-text portions of this message have been removed]

28994. FT-897D: No or little RX signal indication on 2 meter FM only

Yahoo group: FT897 (2010)
Date: 2010-01-25 19:37:11 UTC
From: wbr001ca
Topic: 28994 Message: 28994

Hopefully someone will be able to point me in the right direction for a fix.

Things I've already tried:
1. Rig reset twice;
2. Contact cleaning 5 times;
3. Menu item #80 set to SQL

Local repeater is full quieting on audio but RX on the 897D meter is only showing S6, I have an outboard LDG meter and the RX signal is the same. I've disconnected the LDG meter with the same results. While listening to the local repeater (FM) I've switched to another mode, ie: DIG, LSB, USB, AM and the RX will indicate almost full scale. FM RX on the 897D works as it should on other bands (70cm) and is full scale on local WFM stations.

So I'm pulling my hair out trying to track down what key combo or something I've entered that would knock out the "proper" RX meter indication for the 2 meter band while in FM mode. I'm thinking if the problem were component failure then repeater "audio" signals would be suffering right across the board, but they're not. A repeater 50 km's away doesn't even register an RX indication while in FM but if I switch to DIG, or U/LSB I will get a meter indication between S5-7.

Anyone with any clues as to what the problem may be? If you need more info let me know.

73, de VE1WBR
Brian

28995. RE: [FT897] FT-897D: No or little RX signal indication on 2 meter FM only

Yahoo group: FT897 (2010)
Date: 2010-01-25 20:40:48 UTC
From: Dennis
Topic: 28994 Message: 28995

Not sure but worth a try ☐ go back to menu 80 and reset to gain ☐ then get on 2m and turn gain all the way open, the go back and change to SQL. Maybe it is keeping the gain setting when you switch and COULD be why you are not hearing much.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wbr001ca
Sent: Monday, January 25, 2010 1:37 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D: No or little RX signal indication on 2 meter FM only

Hopefully someone will be able to point me in the right direction for a fix.

Things I've already tried:
1. Rig reset twice;
2. Contact cleaning 5 times;
3. Menu item #80 set to SQL

Local repeater is full quieting on audio but RX on the 897D meter is only showing S6, I have an outboard LDG meter and the RX signal is the same. I've disconnected the LDG meter with the same results. While listening to the local repeater (FM) I've switched to another mode, ie: DIG, LSB, USB, AM and the RX will indicate almost full scale. FM RX on the 897D works as it should on other bands (70cm) and is full scale on local WFM stations.

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Anyone with any clues as to what the problem may be? If you need more info let me know.

73, de VE1WBR
Brian

[Non-text portions of this message have been removed]

28996. Re: Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-25 20:52:22 UTC
From: Steve Yates
Topic: 28980 Message: 28996

I need a decoder for the icons in your message!

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Brian Dallmann <bdallman@...> wrote:
>
> Hi Willie,
> Yeah, I saw thatâ□¦. But it says nothing about the â□□tuneâ□□ icon in lower case verses â□□TUNRâ□□â□¦ It also doesnâ□□t say if you can still get a â□□H-SWRâ□□ with the tuner connectedâ□¦ or just â□□tuneâ□□ as in out of range of the tuner. It doesnâ□□t tell you enough. The 857D manual is better but different.
>
> Thanks,
> Brian
> K0BDD

28997. Re: FT-897D: No or little RX signal indication on 2 meter FM only

Yahoo group: FT897 (2010)
Date: 2010-01-25 22:56:04 UTC
From: wbr001ca
Topic: 28994 Message: 28997

Tried your suggestion Dennis (tnx), but still no meter RX indication. Lots of audio on RX'ed 2 meter repeater stations in range. I'm completely stumped on this one.

My only guess would be that "hidden" menu #F10 (FM-FS) needs adjusting, but I'm only speculating.

VE1WBR - Brian

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Not sure but worth a try ☐ go back to menu 80 and reset to gain ☐ then get
> on 2m and turn gain all the way open, the go back and change to SQL. Maybe
> it is keeping the gain setting when you switch and COULD be why you are not
> hearing much.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> wbr001ca
> Sent: Monday, January 25, 2010 1:37 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] FT-897D: No or little RX signal indication on 2 meter FM
> only
>
>
>
>
>
> Hopefully someone will be able to point me in the right direction for a fix.
>
> Things I've already tried:
> 1. Rig reset twice;
> 2. Contact cleaning 5 times;
> 3. Menu item #80 set to SQL
>
> Local repeater is full quieting on audio but RX on the 897D meter is only
> showing S6, I have an outboard LDG meter and the RX signal is the same. I've
> disconnected the LDG meter with the same results. While listening to the
> local repeater (FM) I've switched to another mode, ie: DIG, LSB, USB, AM and
> the RX will indicate almost full scale. FM RX on the 897D works as it should

> on other bands (70cm) and is full scale on local WFM stations.
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> So I'm pulling my hair out trying to track down what key combo or something
> I've entered that would knock out the "proper" RX meter indication for the 2
> meter band while in FM mode. I'm thinking if the problem were component
> failure then repeater "audio" signals would be suffering right across the
> board, but they're not. A repeater 50 km's away doesn't even register an RX
> indication while in FM but if I switch to DIG, or U/LSB I will get a meter
> indication between S5-7.
>
> Anyone with any clues as to what the problem may be? If you need more info
> let me know.
>
> 73, de VE1WBR
> Brian
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28998. RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-26 03:52:17 UTC
From: Eric van de Weyer
Topic: 28986 Message: 28998

Hi Brian,

A couple of suggestions:
1 Are you counting the pins on the modular plugs the correct way around and
2 is your CAT interface to the HRD computer expecting to see the 12V (13.8V)
to get its power so that is will work?

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
prybry
Sent: Tuesday, 26 January 2010 02:14
To: FT897@yahoogroups.com
Subject: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Over the weekend I built the CAT via Mic interface shown in the file section
of this site... CAT-Mic.doc

Seemed pretty straight forward, although I built mine with a pair of punch
down style CAT5 terminals and a $10 printer extension cable.

Plugged it in and tried to connect Ham Radio Deluxe (main reason to build
the cable... since I have a FC30)

Yes, I did change the microphone setting to "CAT"...
I also played with the baud rates... still would not connect.
The mic works fine, it also has full fuction when the menu is set back to
"MIC" so the pass through is working as intended in the build document.
I event went through a pin by pin check with a meter to test the cable, and
it was correct (at least as shown in the instructions)

Has anyone built one of these and had it work? It seems like it should take
more than 3 wires to communicate with a PC...

Thanks,
Brian
K0BDD

Yahoo! Groups Links

28999. Re: [FT897] Re: Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-26 06:50:41 UTC
From: john burke
Topic: 28980 Message: 28999

sorry if this has already been answered

"TUNE" means that you are in an amateur band that can be tuned by the bolt on tuner. small case means you are outside amateur band and can't tune.

You can still get "H-SWR" with tuner connected. Usually when you tune it says "wait" while tuning but if SWR is > 3:1 you won't be able to tune and it will immediately flash "H-SWR" and you can still see HSWR if you try to transmit.

John
kf7dmz

--- On Mon, 1/25/10, Steve Yates <aa5tb@...> wrote:

From: Steve Yates <aa5tb@...>
Subject: [FT897] Re: Has anyone decoded all the icons on the 897 LCD?
To: FT897@yahoogroups.com
Date: Monday, January 25, 2010, 12:52 PM

I need a decoder for the icons in your message!

73,

Steve - AA5TB

--- In FT897@yahoogroups. com, Brian Dallmann <bdallman@.. .> wrote:

>

> Hi Willie,

> Yeah, I saw that…. But it says nothing about the “tune” icon in lower case verses “TUNR”… It also doesn’t say if you can still get a “H-SWR” with the tuner connected… or just “tune” as in out of range of the tuner. It doesn’t tell you enough. The 857D manual is better but different.

>

> Thanks,

> Brian

> K0BDD

[Non-text portions of this message have been removed]

29000. RE: [FT897] Re: Has anyone decoded all the icons on the 897 LCD?

Yahoo group: FT897 (2010)
Date: 2010-01-26 14:18:52 UTC
From: Brian Dallmann
Topic: 28980 Message: 29000

John, thank you…
That is exactly what I was looking for.

Are there any other display “anomalies” that aren’t covered by the manual?

Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of john burke
Sent: Tuesday, January 26, 2010 12:51 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Has anyone decoded all the icons on the 897 LCD?

sorry if this has already been answered

"TUNE" means that you are in an amateur band that can be tuned by the bolt on tuner. small case means you are outside amateur band and can't tune.

You can still get "H-SWR" with tuner connected. Usually when you tune it says "wait" while tuning but if SWR is > 3:1 you won't be able to tune and it will immediately flash "H-SWR" and you can still see HSWR if you try to transmit.

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--- On Mon, 1/25/10, Steve Yates <aa5tb@...<mailto:aa5tb%40yahoo.com>> wrote:

From: Steve Yates <aa5tb@...<mailto:aa5tb%40yahoo.com>>
Subject: [FT897] Re: Has anyone decoded all the icons on the 897 LCD?
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Date: Monday, January 25, 2010, 12:52 PM

I need a decoder for the icons in your message!

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--- In FT897@yahoogroups. com, Brian Dallmann <bdallman@.. .> wrote:

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> Hi Willie,

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>

> Thanks,

> Brian

> K0BDD

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

29001. RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-26 14:57:20 UTC
From: Brian Dallmann
Topic: 28986 Message: 29001

Eric,

I'm assuming that since all the functions on the mic work when switched to "NORM" on the mic menu, all the plug pins are where they belong...
Now for the CAT connections? I'm not sure, I matched up to the diagram and tested each pin with a meter.

As for power... I don't know, the diagram doesn't show any power, only ground, TX A and TX B... if power is needed I'm not aware of it.

Have you built and used this cable? I'm half temped to just order the g4zlp one now...

Thanks,
Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: Monday, January 25, 2010 9:52 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

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A couple of suggestions:
1 Are you counting the pins on the modular plugs the correct way around and
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The mic works fine, it also has full fuction when the menu is set back to
"MIC" so the pass through is working as intended in the build document.
I event went through a pin by pin check with a meter to test the cable, and
it was correct (at least as shown in the instructions)

Has anyone built one of these and had it work? It seems like it should take
more than 3 wires to communicate with a PC...

Thanks,
Brian
K0BDD

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

29002. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-26 15:28:38 UTC
From: prybry
Topic: 28986 Message: 29002

Eric,

You might be right... I might be looking at the plug the wrong way and inverting the pins.

By the way the CAT connections are Ground, TX D and RX D

I'll take another look tonight...

thanks,
Brian
K0BDD

--- In FT897@yahoogroups.com, Brian Dallmann <bdallman@...> wrote:
>
> Eric,
>
> I'm assuming that since all the functions on the mic work when switched to "NORM" on the mic menu, all the plug pins are where they belong...
> Now for the CAT connections? I'm not sure, I matched up to the diagram and tested each pin with a meter.
>
> As for power... I don't know, the diagram doesn't show any power, only ground, TX A and TX B... if power is needed I'm not aware of it.
>
> Have you built and used this cable? I'm half temped to just order the g4zlp one now...
>
> Thanks,
> Brian
> K0BDD
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
> Sent: Monday, January 25, 2010 9:52 PM
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?
>
>
>
> Hi Brian,
>
> A couple of suggestions:
> 1 Are you counting the pins on the modular plugs the correct way around and
> 2 is your CAT interface to the HRD computer expecting to see the 12V (13.8V)
> to get its power so that is will work?
>
> 73....Eric VK2VE.

>
> -----Original Message-----
> From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
> prybry
> Sent: Tuesday, 26 January 2010 02:14
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?
>
> Over the weekend I built the CAT via Mic interface shown in the file section
> of this site... CAT-Mic.doc
>
> Seemed pretty straight forward, although I built mine with a pair of punch
> down style CAT5 terminals and a $10 printer extension cable.
>
> Plugged it in and tried to connect Ham Radio Deluxe (main reason to build
> the cable... since I have a FC30)
>
> Yes, I did change the microphone setting to "CAT"...
> I also played with the baud rates... still would not connect.
> The mic works fine, it also has full fuction when the menu is set back to
> "MIC" so the pass through is working as intended in the build document.
> I event went through a pin by pin check with a meter to test the cable, and
> it was correct (at least as shown in the instructions)
>
> Has anyone built one of these and had it work? It seems like it should take
> more than 3 wires to communicate with a PC...
>
> Thanks,
> Brian
> K0BDD
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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> Email secured by Check Point
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>
> [Non-text portions of this message have been removed]
>

29003. RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-27 07:41:01 UTC
From: Eric van de Weyer
Topic: 28986 Message: 29003

Hi Brian,

No, what I am saying is that, on the mini DIN connector, there is 13.8V available, as shown on the diagram you referred to in the files section and also in the manual. This interface, however, does not supply power to that pin so, if the CAT interface cable you are using to the computer is expecting to receive power for its circuitry from that pin, then it may not work without it.

As the interconnection is wired straight through, I would expect any mic to work exactly the same as it does if plugged straight into the radio but, if you accidentally counted the pins from the wrong end, then the CAT interface would not be connected to the correct pins and would not work.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Brian Dallmann
Sent: Wednesday, 27 January 2010 01:57
To: 'FT897@yahoogroups.com'
Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Eric,

I'm assuming that since all the functions on the mic work when switched to "NORM" on the mic menu, all the plug pins are where they belong...
Now for the CAT connections? I'm not sure, I matched up to the diagram and tested each pin with a meter.

As for power... I don't know, the diagram doesn't show any power, only ground, TX A and TX B... if power is needed I'm not aware of it.

Have you built and used this cable? I'm half temped to just order the g4zlp one now...

Thanks,
Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: Monday, January 25, 2010 9:52 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Hi Brian,

A couple of suggestions:
1 Are you counting the pins on the modular plugs the correct way around and
2 is your CAT interface to the HRD computer expecting to see the 12V (13.8V)
to get its power so that is will work?

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
prybry
Sent: Tuesday, 26 January 2010 02:14
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?

Over the weekend I built the CAT via Mic interface shown in the file section
of this site... CAT-Mic.doc

Seemed pretty straight forward, although I built mine with a pair of punch
down style CAT5 terminals and a $10 printer extension cable.

Plugged it in and tried to connect Ham Radio Deluxe (main reason to build
the cable... since I have a FC30)

Yes, I did change the microphone setting to "CAT"...
I also played with the baud rates... still would not connect.
The mic works fine, it also has full fuction when the menu is set back to
"MIC" so the pass through is working as intended in the build document.
I event went through a pin by pin check with a meter to test the cable, and
it was correct (at least as shown in the instructions)

Has anyone built one of these and had it work? It seems like it should take
more than 3 wires to communicate with a PC...

Thanks,
Brian
K0BDD

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

29004. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-27 19:19:52 UTC
From: iz0inx
Topic: 28986 Message: 29004

Eric, you are definitely correct.

I'd just like to add that there was no way to provide the miniDIN with the +13.8 voltage, as on the Mike socket on the rig that voltage is not available, there is just a pin providing +5V.
Should the CAT interface need 13.8V Brian has to provide it with an external power supply. Just pay attention to not create gnd loops, which may be source of noise.

Brian, not to mention that I've realized the interface and it works perfectly :-)
I'm sure that after a double-check on the pin connections yours will work as well! I have two CAT interfaces, one USB and another one RS-232; both take the supply from the PC side, so I don't believe that it is a power supply issue, anyway, check it as well.

73, Fil - IZ0INX

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Brian,
>
> No, what I am saying is that, on the mini DIN connector, there is 13.8V
> available, as shown on the diagram you referred to in the files section and
> also in the manual. This interface, however, does not supply power to that
> pin so, if the CAT interface cable you are using to the computer is
> expecting to receive power for its circuitry from that pin, then it may not
> work without it.
>
> As the interconnection is wired straight through, I would expect any mic to
> work exactly the same as it does if plugged straight into the radio but, if
> you accidentally counted the pins from the wrong end, then the CAT interface
> would not be connected to the correct pins and would not work.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@...m] On Behalf Of
> Brian Dallmann
> Sent: Wednesday, 27 January 2010 01:57
> To: 'FT897@yahoogroups.com'
> Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't
> work?
>
> Eric,
>
> I'm assuming that since all the functions on the mic work when switched to
> "NORM" on the mic menu, all the plug pins are where they belong...
> Now for the CAT connections? I'm not sure, I matched up to the diagram and

> tested each pin with a meter.
>
> As for power... I don't know, the diagram doesn't show any power, only
> ground, TX A and TX B... if power is needed I'm not aware of it.
>
> Have you built and used this cable? I'm half temped to just order the g4zlp
> one now...
>
> Thanks,
> Brian
> K0BDD
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric
> van de Weyer
> Sent: Monday, January 25, 2010 9:52 PM
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't
> work?
>
>
>
> Hi Brian,
>
> A couple of suggestions:
> 1 Are you counting the pins on the modular plugs the correct way around and
> 2 is your CAT interface to the HRD computer expecting to see the 12V (13.8V)
> to get its power so that is will work?
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
> prybry
> Sent: Tuesday, 26 January 2010 02:14
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Built the CAT-Mic.doc CAT interface and it doesn't work?
>
> Over the weekend I built the CAT via Mic interface shown in the file section
> of this site... CAT-Mic.doc
>
> Seemed pretty straight forward, although I built mine with a pair of punch
> down style CAT5 terminals and a $10 printer extension cable.
>
> Plugged it in and tried to connect Ham Radio Deluxe (main reason to build
> the cable... since I have a FC30)
>
> Yes, I did change the microphone setting to "CAT"...
> I also played with the baud rates... still would not connect.
> The mic works fine, it also has full fuction when the menu is set back to

> "MIC" so the pass through is working as intended in the build document.
> I event went through a pin by pin check with a meter to test the cable, and
> it was correct (at least as shown in the instructions)
>
> Has anyone built one of these and had it work? It seems like it should take
> more than 3 wires to communicate with a PC...
>
> Thanks,
> Brian
> K0BDD
>
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> Yahoo! Groups Links
>

29005. HRD and Filter Selection

Yahoo group: FT897 (2010)
Date: 2010-01-28 00:55:44 UTC
From: Jerry
Topic: 29005 Message: 29005

I must be missing something, but I can't find a way in Ham Radio Delux to select the optional filter I have in my radio. I looked thru some of the CAT doc available around the web and had no luck there either.

Is it possible to select the optional filters thru CAT?

Thanks

Jerry, KG6KGP

29006. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-28 08:35:11 UTC
From: g8hul
Topic: 28986 Message: 29006

> I'd just like to add that there was no way to provide the miniDIN with the +13.8 voltage, as on the Mike socket on the rig that voltage is not available, there is just a pin providing +5V.

I am sorry but you are wrong, 13.8V is available on the mini-DIN CAT connector, check the manual.

I am using it to power a CAT interface, and it is really there!!!
There is an internal SMD fuse than can blow if you overload it though.

73
Jeff

29007. RE: [FT897] Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-28 09:49:47 UTC
From: Eric van de Weyer
Topic: 28986 Message: 29007

Hi Jeff,

He's not talking about the mini-DIN at the back but an adaptor from the Mic connector, which only has a 5V line, not 13.8V.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of g8hul
Sent: Thursday, 28 January 2010 19:35
To: FT897@yahoogroups.com
Subject: [FT897] Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

> I'd just like to add that there was no way to provide the miniDIN with the +13.8 voltage, as on the Mike socket on the rig that voltage is not available, there is just a pin providing +5V.

I am sorry but you are wrong, 13.8V is available on the mini-DIN CAT connector, check the manual.

I am using it to power a CAT interface, and it is really there!!!
There is an internal SMD fuse than can blow if you overload it though.

73
Jeff

Yahoo! Groups Links

29008. LSB and USB being received at same time on either mode.

Yahoo group: FT897 (2010)
Date: 2010-01-28 11:17:42 UTC
From: wb9sjz
Topic: 29008 Message: 29008

I am very surprised that no one else has had this problem that I posted. I receive both ssb modes at the same time: example: On 80 meters where the common mode is lsb, you can monitor a station in the lsb mode and then switch the mode selector to usb and you still hear that station with full clarity instead of the usual non-understanding clickity clack sound. The same happens on the bands where the common mode is usb.

If anyone else has had this problem, please email me to let me know the fix to it, or if I have to send to Yaesu. This radio is only two years old. Yaesu used to have such great quality when the radios were made in Japan. China has nothing close to the quality that these radios used to have years ago.

George wb9sjz amateurextra@... or wb9sjz@...

29009. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-28 11:21:40 UTC
From: g8hul
Topic: 28986 Message: 29009

Hi Eric

I obviously misunderstood what he was talking about!!

Only 5V is available from the mic connector.

73
Jeff

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Jeff,
>
> He's not talking about the mini-DIN at the back but an adaptor from the Mic
> connector, which only has a 5V line, not 13.8V.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> g8hul
> Sent: Thursday, 28 January 2010 19:35
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Built the CAT-Mic.doc CAT interface and it doesn't
> work?
>
> > I'd just like to add that there was no way to provide the miniDIN with the
> +13.8 voltage, as on the Mike socket on the rig that voltage is not
> available, there is just a pin providing +5V.
>
>
> I am sorry but you are wrong, 13.8V is available on the mini-DIN CAT
> connector, check the manual.
>
> I am using it to power a CAT interface, and it is really there!!!
> There is an internal SMD fuse than can blow if you overload it though.
>
> 73
> Jeff
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

29010. Re: LSB and USB being received at same time on either mode.

Yahoo group: FT897 (2010)
Date: 2010-01-28 11:23:08 UTC
From: g8hul
Topic: 29008 Message: 29010

--- In FT897@yahoogroups.com, "wb9sjz" <wb9sjz@...> wrote:
>
> I am very surprised that no one else has had this problem that I posted. I receive both ssb modes at the same time: example: On 80 meters where the common mode is lsb, you can monitor a station in the lsb mode and then switch the mode selector to usb and you still hear that station with full clarity instead of the usual non-understanding clickity clack sound. The same happens on the bands where the common mode is usb.
>
> If anyone else has had this problem, please email me to let me know the fix to it, or if I have to send to Yaesu. This radio is only two years old. Yaesu used to have such great quality when the radios were made in Japan. China has nothing close to the quality that these radios used to have years ago.
>
> George wb9sjz amateurextra@... or wb9sjz@...
>

Are you sure that you are not listening to a station that is transmitting AM??

That will give tou the effect that you are describing.

73
Jeff

29011. Re: LSB and USB being received at same time on either mode.

Yahoo group: FT897 (2010)
Date: 2010-01-28 16:50:02 UTC
From: rschaffrath
Topic: 29008 Message: 29011

They could also be running double sideband suppressed carrier but that would be an odd thing to do since it offers no real advantages other than power savings from not having a carrier. What is really interesting to listen to is ISB which is transmitted by some broadcasters. The upper and lower sidebands are different programs and there is no carrier.

Robert, N2JTX

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "wb9sjz" <wb9sjz@> wrote:
> >
> > I am very surprised that no one else has had this problem that I posted. I receive both ssb modes at the same time: example: On 80 meters where the common mode is lsb, you can monitor a station in the lsb mode and then switch the mode selector to usb and you still hear that station with full clarity instead of the usual non-understanding clickity clack sound. The same happens on the bands where the common mode is usb.
> >
> > If anyone else has had this problem, please email me to let me know the fix to it, or if I have to send to Yaesu. This radio is only two years old. Yaesu used to have such great quality when the radios were made in Japan. China has nothing close to the quality that these radios used to have years ago.
> >
> > George wb9sjz amateurextra@ or wb9sjz@
> >
>
>
> Are you sure that you are not listening to a station that is transmitting AM??
>
> That will give tou the effect that you are describing.
>
> 73
> Jeff
>

29012. Re: LSB and USB being received at same time on either mode.

Yahoo group: FT897 (2010)
Date: 2010-01-28 18:00:23 UTC
From: Jerry
Topic: 29008 Message: 29012

I've been puzzling over this since I don't understand how the radio could fail in this way. I've heard a number of people recently with poorly tuned Flex radios that were lacking in sideband suppression and as another points out, receiving AM would give you the same effect.

But the 897 uses one filter for both sidebands and they offset the carrier for one or the other, I think. So how could you get both SSBs at the same time? If the filter was bad (going wide or out of circuit) it would act like a DC radio and you would be able to tune both sidebands at the same time but it would sound and tune like a DC coupled radio.

I am thinking that it is more likely the mode switch failing or the switching circuit so what you are really hearing is LSB (or USB) no matter what mode you select.

Does it sound like perfect USB or LSB or when the radio fails, does it sound widerer in audio frequency response? If it sounds wider than I suspect the filter but that is really odd since ceramic filters don't fail that often. If it sounds the same then I suspect the switching circuit is fooling you to thinking it is switching when it isn't. The oher thing to check is to tune a carrier in CW mode and then switch to CWR and see if it is still there.

Jerry

--- In FT897@yahoogroups.com, "wb9sjz" <wb9sjz@...> wrote:
>
> I am very surprised that no one else has had this problem that I posted. I receive both ssb modes at the same time: example: On 80 meters where the common mode is lsb, you can monitor a station in the lsb mode and then switch the mode selector to usb and you still hear that station with full clarity instead of the usual non-understanding clickity clack sound. The same happens on the bands where the common mode is usb.
>
> If anyone else has had this problem, please email me to let me know the fix to it, or if I have to send to Yaesu. This radio is only two years old. Yaesu used to have such great quality when the radios were made in Japan. China has nothing close to the quality that these radios used to have years ago.
>
> George wb9sjz amateurextra@... or wb9sjz@...
>

29013. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-28 18:29:41 UTC
From: iz0inx
Topic: 28986 Message: 29013

Yes, only 5V from the Mic connector.

This is most likely the problem Brian has: I realized that he is using a Yaesu CT-62 CAT cable and I found a document with the following sentence:

YAESU CAT INTERFACING
[cut]
For use with the FT-100/FT-817/857/897 series you can also use Yaesu's stock CT-62 CAT cable.
This has the advantage of being very compact, and gets its power supply from the rig's ACC connector.
[cut]

So, as Eric correctly pointed out in his first answer, there is a power supply issue.
The CT-62 interface expects to receive the 13.8V from the transceiver, but as said, this is not available from the Mic port.

Fil - IZ0INX

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
> Hi Eric
>
> I obviously misunderstood what he was talking about!!
>
> Only 5V is available from the mic connector.
>
> 73
> Jeff
>
>

29014. Re: When running 897 with HRD can you display both A/B freq.? [FT897]

Yahoo group: FT897 (2010)
Date: 2010-01-28 18:30:34 UTC
From: Keith
Topic: 28988 Message: 29014

On Mon, 25 Jan 2010 16:33:39 -0000, "prybry" <bdallman@...> wrote:

> Does anyone know if Ham Radio Deluxe can display both VROa and VROb at the same time? There is a "Sub" freq. but it does not display...?
> It's nice to have the A/B button on the screen, but it would be nice to "see" where your going before you hit it...

The software would have to switch from VFO A to VFO B continuously, Read VFO B then switch back to VFO A. If there was any change it would not be recorded in the interim. The constant switching would be a real drag on operation. Yes. it can be done, but it is not practical.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

29015. RE: When running 897 with HRD can you display both A/B freq.? [FT897]

Yahoo group: FT897 (2010)
Date: 2010-01-28 20:15:33 UTC
From: Brian Dallmann
Topic: 29015 Message: 29015

Keith,
If it just kept the last VROb in memory on HRD, it would not need to check continuously... you would likely be changing it "with" HRD and the first time you hit A/B it would refresh the memory displayed and stay "active" only while selected. At that point VROa is held as a memory... and so on. Just toggle the memory and refresh between the two. It could even utilize this memory process on other bands...

Just a thought...
Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Keith
Sent: Thursday, January 28, 2010 12:31 PM
To: FT897@yahoogroups.com
Subject: Re: When running 897 with HRD can you display both A/B freq.? [FT897]

On Mon, 25 Jan 2010 16:33:39 -0000, "prybry" <bdallman@...<mailto:bdallman%40truth.com>> wrote:

> Does anyone know if Ham Radio Deluxe can display both VROa and VROb at the same time? There is a "Sub" freq. but it does not display...?
> It's nice to have the A/B button on the screen, but it would be nice to "see" where your going before you hit it...

The software would have to switch from VFO A to VFO B continuously, Read VFO B then switch back to VFO A. If there was any change it would not be recorded in the interim. The constant switching would be a real drag on operation. Yes. it can be done, but it is not practical.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

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[Non-text portions of this message have been removed]

29016. Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 00:05:48 UTC
From: simon.worsley
Topic: 29016 Message: 29016

Hi all

Thanks for your help in advance.

My FT-897D occasionally resets itself, of course losing the memories and also contents of the menu settings and extended menus.

As you will know it takes some time in re-setting it all up again, so I am wondering wat program I can use - either freeware or happy to buy it - which will easily allow me to export and import the settings incase of reset.

Looking forward to your reply

Kind Regards, Simon

29017. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 02:24:38 UTC
From: Dean Nash
Topic: 29016 Message: 29017

I've tried all the free ones and couldn't find one I liked. I bought ADMS-4b and love it. I use the ADMS versions for all my Yaesu radios. $36.95 here:

https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=ADMS-4B&submit.x=0&submit.y=0

73 de N4SHD

_____
From: simon.worsley <simon.worsley@...>
To: FT897@yahoogroups.com
Sent: Thu, January 28, 2010 7:05:48 PM
Subject: [FT897] Best program to export menu settings ?

Hi all

Thanks for your help in advance.

My FT-897D occasionally resets itself, of course losing the memories and also contents of the menu settings and extended menus.

As you will know it takes some time in re-setting it all up again, so I am wondering wat program I can use - either freeware or happy to buy it - which will easily allow me to export and import the settings incase of reset.

Looking forward to your reply

Kind Regards, Simon

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.

[Non-text portions of this message have been removed]

29018. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 03:14:01 UTC
From: Trixter aka Bret McDanel
Topic: 29016 Message: 29018

On Fri, 2010-01-29 at 00:05 +0000, simon.worsley wrote:
>
> Hi all
>
> Thanks for your help in advance.
>
> My FT-897D occasionally resets itself, of course losing the memories
> and also contents of the menu settings and extended menus.
>
> As you will know it takes some time in re-setting it all up again, so
> I am wondering wat program I can use - either freeware or happy to buy
> it - which will easily allow me to export and import the settings
> incase of reset.

bit biased but I wrote a simple perl script that will use the CAT port
to dump the eeprom of the 897. Its totally free, as is perl on most
platforms.

http://www.0xdecafbad.com/?p=184 just the calibration menu data
http://www.0xdecafbad.com/?p=188 perl module for people that want to
write their own software
http://www.0xdecafbad.com/?p=152 eeprom dumper (I could be encouraged to
write something that will restore it fairly easily)
http://www.0xdecafbad.com/?p=154 memory map for the 897

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29019. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 03:52:18 UTC
From: Joe
Topic: 29016 Message: 29019

I prefer RT Systems software myself......$25.00 without the cable, $49.00
with. (USB, no serial), works with 7, Vista, XP, and 2000.

http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dean Nash" <n4shd@...>
Subject: Re: [FT897] Best program to export menu settings ?

I've tried all the free ones and couldn't find one I liked. I bought ADMS-4b
and love it. I use the ADMS versions for all my Yaesu radios. $36.95 here:

https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=AD
MS-4B&submit.x=0&submit.y=0

29020. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 04:02:32 UTC
From: Gary Altig
Topic: 29016 Message: 29020

DE N7UVL,
I thought ADMS was RT Systems?/ga

----- Original Message -----
From: Joe<mailto:WA6RKN@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, January 28, 2010 7:52 PM
Subject: Re: [FT897] Best program to export menu settings ?

I prefer RT Systems software myself.....$25.00 without the cable, $49.00
with. (USB, no serial), works with 7, Vista, XP, and 2000.

http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B<http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B>

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dean Nash" <n4shd@...<mailto:n4shd%40yahoo.com>>
Subject: Re: [FT897] Best program to export menu settings ?

I've tried all the free ones and couldn't find one I liked. I bought ADMS-4b
and love it. I use the ADMS versions for all my Yaesu radios. $36.95 here:

https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=ADMS-4B&submit.x=0&submit.y=0<https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=ADMS-4B&submit.x=0&submit.y=0>

[Non-text portions of this message have been removed]

29021. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 04:13:06 UTC
From: Finnigann
Topic: 29016 Message: 29021

On Thu, 28 Jan 2010 19:05:48 -0500, simon.worsley
<simon.worsley@...> wrote:

>
> Hi all

> Thanks for your help in advance.

> My FT-897D occasionally resets itself, of course losing the memories and
> also contents of the menu settings and extended menus.

> As you will know it takes some time in re-setting it all up again, so I
> am wondering what program I can use - either freeware or happy to buy it
> - which will easily allow me to export and import the settings encase of
> reset.

> Looking forward to your reply

I find this site useful. In fact, I have their software it does exactly
what you want. Not only can you save your settings, you can edit them a
whole lot easier.

http://www.rtsystemsinc.com/index.cfm Of course in addition to the
software, you'll need the cable. I bought both items for around $40.

Good luck.
>

> Kind Regards, Simon

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

Http://my.opera.com/Finnigann/blog

HTTP://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29022. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 04:23:53 UTC
From: eric@van-de-weyer.org
Topic: 29016 Message: 29022

It is!

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Gary Altig" <garylaltig@...>
>Date: Thu, 28 Jan 2010 20:02:32 -0800
>Subject: Re: [FT897] Best program to export menu settings ?
>Reply-To: FT897@yahoogroups.com
>
>
>DE N7UVL,
>I thought ADMS was RT Systems?/ga
>
> ----- Original Message -----
> From: Joe<mailto:WA6RKN@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Thursday, January 28, 2010 7:52 PM
> Subject: Re: [FT897] Best program to export menu settings ?
>
>
>
> I prefer RT Systems software myself......$25.00 without the cable, $49.00
>
> with. (USB, no serial), works with 7, Vista, XP, and 2000.
>
> http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B<http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B>
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Dean Nash" <n4shd@...<mailto:n4shd%40yahoo.com>>
> Subject: Re: [FT897] Best program to export menu settings ?
>
> I've tried all the free ones and couldn't find one I liked. I bought ADMS-4b
>
> and love it. I use the ADMS versions for all my Yaesu radios. $36.95 here:
>
> https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=ADMS-4B&submit.x=0&submit.y=0<https://www.hamcity.com/store/pc/showsearchresults.asp?pageStyle=M&resultCnt=10&keyword=ADMS-4B&submit.x=0&submit.y=0>

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>[Non-text portions of this message have been removed]
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>
>Yahoo! Groups Links
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29023. Re: [FT897] Best program to export menu settings ?

Yahoo group: FT897 (2010)
Date: 2010-01-29 05:16:30 UTC
From: Joe
Topic: 29016 Message: 29023

Yup Gary....I was being brain dead......what can I say.....Happening more and more...... :(

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Gary Altig" <garylaltig@...>
Subject: Re: [FT897] Best program to export menu settings ?

> DE N7UVL,
> I thought ADMS was RT Systems?/ga

29024. Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-29 14:32:09 UTC
From: prybry
Topic: 28986 Message: 29024

Thanks for all your help...
I knew I was missing something.
Well, I took care of it the expensive way... I ordered one from ZLP.
Hopefully that gets my HRD and FC30 working together.

On to the next problem... putting up antennas in a backyard with 3ft of snow and at -15F!

Anyway, thanks again.
Brian
K0BDD

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> Yes, only 5V from the Mic connector.
>
> This is most likely the problem Brian has: I realized that he is using a Yaesu CT-62 CAT cable and I found a document with the following sentence:
>
> YAESU CAT INTERFACING
> [cut]
> For use with the FT-100/FT-817/857/897 series you can also use Yaesu's stock CT-62 CAT cable.
> This has the advantage of being very compact, and gets its power supply from the rig's ACC connector.
> [cut]
>
> So, as Eric correctly pointed out in his first answer, there is a power supply issue.
> The CT-62 interface expects to receive the 13.8V from the transceiver, but as said, this is not available from the Mic port.
>
> Fil - IZ0INX
>
>
>
> --- In FT897@yahoogroups.com, "g8hul" <g8hul@> wrote:
> >
> >
> > Hi Eric
> >
> > I obviously misunderstood what he was talking about!!
> >
> > Only 5V is available from the mic connector.
> >
> > 73
> > Jeff
> >

> >
>

29025. Re: [FT897] Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-29 23:33:56 UTC
From: Damien Gardner Jnr
Topic: 28986 Message: 29025

On 30/01/2010, at 1:32 AM, prybry wrote:
>
> On to the next problem... putting up antennas in a backyard with 3ft
> of snow and at -15F!
>

A metre of snow I can deal with.. but -26C?!?! holy stuff, I just
can't imagine that! Hiking/Camping trips in winter when its -8 are
horrid enough (you know its cold,when you pour ten litres of fuel onto
a log in a firepit, and the darned thing burns for 10 minutes, then
goes out, and is still frozen!!) How can you even manage to go
outside?! Even handling a steel mast would be shocking, let alone
trying to do up nuts or run rigging! (My missus complains enough
about holding a 12 metre steel mast while I'm running rigging now..
Couldn't imagine her even considering it if it was < 10C outside, let
alone in the minus!

--DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

29026. connecting HEATHKIT SB 200 TO FT897D

Yahoo group: FT897 (2010)
Date: 2010-01-30 01:03:48 UTC
From: bammbamm3271
Topic: 29026 Message: 29026

does any one know what cable i need i have one that worked a kenwood and the signal link for the kenwood and 897d are the same will this cable i got with amp work too?
thanks all 73's

kj4him

29027. Re: [FT897] Re: Built the CAT-Mic.doc CAT interface and it doesn't work?

Yahoo group: FT897 (2010)
Date: 2010-01-30 18:43:02 UTC
From: jsilberman
Topic: 28986 Message: 29027

Even stranded wire is stiff as a board at -26C. It would probably take all day just to string a simple dipole if the proper trees were already there.

We just had an ice storm in Memphis, it started at 30F and this AM it was 21F 1/4 inch of ice encasing everything. I'm leaving for Florida next week.

John KB4CRT

> A metre of snow I can deal with.. but -26C?!?! holy stuff, I just
> can't imagine that! Hiking/Camping trips in winter when its -8 are
> horrid enough (you know its cold,when you pour ten litres of fuel onto
> a log in a firepit, and the darned thing burns for 10 minutes, then
> goes out, and is still frozen!!)

[Non-text portions of this message have been removed]

29028. setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-30 20:40:27 UTC
From: david.mccrossen
Topic: 29028 Message: 29028

I need help setting up tone codes
dave

29029. setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-31 01:25:11 UTC
From: dogdavetika
Topic: 29028 Message: 29029

please read your operators manual. it is all explained there. we have all done this. If you don't understand, get some basic electronics training.

Dave
N3DT

29030. Re: [FT897] setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-31 02:02:54 UTC
From: af2c@njdxa.org
Topic: 29028 Message: 29030

Dave -

I believe that we all would like to thank you for your E. E. Cummings reply to the gentleman with question relative to setting up the tone codes. However, the "tone" of your comment is not in the spirit of amateur radio and certainly not in the spirit of this "Users Group".

73,
Jay/AF2C

At 01:25 AM 1/31/2010 +0000, you wrote:
>
>
>please read your operators manual. it is all explained there. we have all
>done this. If you don't understand, get some basic electronics training.
>
>Dave
>N3DT

29031. Re: setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-31 02:25:24 UTC
From: k7dxz
Topic: 29028 Message: 29031

Well that was helpful ..NOT. I doubt "basic electronics training"
would help in this case. How do you know he did not buy
the radio used and might not have a manual to read?

It's found in menu mode 083

"1. Press and hold the [A](TON) key for one second.
This instantly recall Menu Mode No-083 [TONE
FREQ].
2. Rotate the DIAL knob to select the desired CTCSS
Frequency.
3. When done, press and hold the [F] key for one
second to save the new setting and exit to normal
operation.

73, and good luck
Scott
K7DXZ

--- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@...> wrote:
>
> please read your operators manual. it is all explained there. we have all done this. If
you don't understand, get some basic electronics training.
>
> Dave
> N3DT
>

29032. Re: setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-31 02:49:43 UTC
From: dogdavetika
Topic: 29028 Message: 29032

Wasn't my intention to offend anyone. Sometimes a little research results in learning without spoon feeding and then it sticks. But then maybe I had to learn everything the hard way and I can't get past that. My issue. Sorry to be bad, I'll try to be better.

Dave
N3DT

29033. Re: setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-01-31 03:29:31 UTC
From: dogdavetika
Topic: 29028 Message: 29033

in response to the eecumings post
dave

29034. The optional Colslins 2.3 kc filter for ssb question.

Yahoo group: FT897 (2010)
Date: 2010-01-31 07:06:26 UTC
From: wb9sjz
Topic: 29034 Message: 29034

My filter than came installed in the FT897d has gone bad and it no longer separates the USB or SSB, but instead, transmits on both of the sidebands and receives on both sideband modes on the rig. If I would buy the option 'plug in' Collins mechanical ssb filter, would this bypass the 'bad' filter that came with the rig and operate on the mechanical optional filter only, thereby curing the problem by cutting the filter that came with the rig out altogether???

Please let me know, someone in the know, if I am correct or if this would not stop the problem.

George wb9sjz

29035. RE: [FT897] The optional Colslins 2.3 kc filter for ssb question.

Yahoo group: FT897 (2010)
Date: 2010-01-31 07:28:20 UTC
From: Joseph Richard
Topic: 29034 Message: 29035

I don't think installing a new filter will solve your problem. It sounds as though something is wrong with the switching control unit (mode switch). Try resetting the radio to see if this cures the problem. Can you check menus 15-18 to make sure everything is set at 0?

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wb9sjz
Sent: Sunday, January 31, 2010 1:06 AM
To: FT897@yahoogroups.com
Subject: [FT897] The optional Colslins 2.3 kc filter for ssb question.

My filter than came installed in the FT897d has gone bad and it no longer separates the USB or SSB, but instead, transmits on both of the sidebands and receives on both sideband modes on the rig. If I would buy the option 'plug in' Collins mechanical ssb filter, would this bypass the 'bad' filter that came with the rig and operate on the mechanical optional filter only, thereby curing the problem by cutting the filter that came with the rig out altogether???

Please let me know, someone in the know, if I am correct or if this would not stop the problem.

George wb9sjz

Yahoo! Groups Links

29036. Re: auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-31 17:51:17 UTC
From: Hank
Topic: 28940 Message: 29036

I have the AT-897 and I love it. When buying my FT-897D, I was going to buy the Yaesu FC-30. Ernie from AES suggested I look at the LDG instead because of the wider tuning range. He already knew I was working with a compromise antenna. I am really glad he suggested it as I can tune 6 - 40 easily.

One question though, I thought the standard AT-897 tuned at low power. Does it not?

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Mark, there are two tuners (that I know of) that will bolt on the side of
> the FT-897: Yaesu's FC-30 and LDG's AT-897. When I bought my FT-897D about
> 4 years ago, I also bought the FP-30 power supply and the FC-30 tuner with
> it. The FP-30 was a great accessory, the FC-30 not so much. After a couple
> of months of use, I bought a LDG AT-897 tuner (that also bolts on to the
> radio), and put the FC-30 back in the box it came in, eventually selling it
> for pennies on the dollar. The FC-30 will only tune a 3:1 mismatch, while
> the AT-897 will tune up to a 10:1 mismatch. LDG has recently come out with
> the AT-897plus. From what I understand, when you press the tune button on
> the unit, it will cause the radio to tune automatically at low power. With
> the original AT-897, I manually turn the power down.
>
> 73,
> Ken
> KJ9B
>
> > -----Original Message-----
> > From: Mark Kliewer [mailto:kc7qhc1@...]
> > Sent: Friday, January 22, 2010 9:27 PM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] auto tunner
> >
> > Does any body use the auto tunner that bolts on to the 897
> > and if so how does it work? I'm useing the z-100 now thanks
> > mark kc7qhc
> >
>

29037. Re: [FT897] Re: auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-31 18:57:32 UTC
From: Ken Bandy, KJ9B
Topic: 28940 Message: 29037

Hank, the original AT897 has no way to know what power it is tuning at, or to control the power. The only thing it does with the CAT connection to the rig is get power. However, the FT-897 will automatically cut power on Hi SWR to protect it's finals. I always, as a matter of practice, back the power down to 10 watts on tune up, just to protect the radio.

73,
Ken, KJ9B

----- Original Message -----
From: "Hank" <hank@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, January 31, 2010 12:51 PM
Subject: [FT897] Re: auto tunner

>I have the AT-897 and I love it. When buying my FT-897D, I was going to buy
>the Yaesu FC-30. Ernie from AES suggested I look at the LDG instead because
>of the wider tuning range. He already knew I was working with a compromise
>antenna. I am really glad he suggested it as I can tune 6 - 40 easily.
>
> One question though, I thought the standard AT-897 tuned at low power.
> Does it not?
>
> hth,
>
> Hank / KB4MTO
>
>
>
> --- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>>
>> Mark, there are two tuners (that I know of) that will bolt on the side of
>> the FT-897: Yaesu's FC-30 and LDG's AT-897. When I bought my FT-897D
>> about
>> 4 years ago, I also bought the FP-30 power supply and the FC-30 tuner
>> with
>> it. The FP-30 was a great accessory, the FC-30 not so much. After a
>> couple
>> of months of use, I bought a LDG AT-897 tuner (that also bolts on to the
>> radio), and put the FC-30 back in the box it came in, eventually selling
>> it
>> for pennies on the dollar. The FC-30 will only tune a 3:1 mismatch,
>> while
>> the AT-897 will tune up to a 10:1 mismatch. LDG has recently come out
>> with
>> the AT-897plus. From what I understand, when you press the tune button

>> on
>> the unit, it will cause the radio to tune automatically at low power.
>> With
>> the original AT-897, I manually turn the power down.
>>
>> 73,
>> Ken
>> KJ9B
>>
>> > -----Original Message-----
>> > From: Mark Kliewer [mailto:kc7qhc1@...]
>> > Sent: Friday, January 22, 2010 9:27 PM
>> > To: FT897@yahoogroups.com
>> > Subject: [FT897] auto tunner
>> >
>> > Does any body use the auto tunner that bolts on to the 897
>> > and if so how does it work? I'm useing the z-100 now thanks
>> > mark kc7qhc
>> >
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> ------------------------------------
>
> Yahoo! Groups Links
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>
> __________ NOD32 4817 (20100129) Information __________
>
> This message was checked by NOD32 antivirus system.
> http://www.eset.com
>
>

29038. Re: auto tunner

Yahoo group: FT897 (2010)
Date: 2010-01-31 19:03:04 UTC
From: Hank
Topic: 28940 Message: 29038

I used to back the power down to 5 watts to help protect the radio as well, but stopped because someone told me the tuner automatically backs the power down. Thanks for pointing this out; I am going to start backing the power down again - last thing I want to do is damage the rig.

Thanks,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Hank, the original AT897 has no way to know what power it is tuning at, or
> to control the power. The only thing it does with the CAT connection to the
> rig is get power. However, the FT-897 will automatically cut power on Hi
> SWR to protect it's finals. I always, as a matter of practice, back the
> power down to 10 watts on tune up, just to protect the radio.
>
> 73,
> Ken, KJ9B
>
> ----- Original Message -----
> From: "Hank" <hank@...>
> To: <FT897@yahoogroups.com>
> Sent: Sunday, January 31, 2010 12:51 PM
> Subject: [FT897] Re: auto tunner
>
>
> >I have the AT-897 and I love it. When buying my FT-897D, I was going to buy
> >the Yaesu FC-30. Ernie from AES suggested I look at the LDG instead because
> >of the wider tuning range. He already knew I was working with a compromise
> >antenna. I am really glad he suggested it as I can tune 6 - 40 easily.
> > >
> > > One question though, I thought the standard AT-897 tuned at low power.
> > > Does it not?
> > >
> > > hth,
> > >
> > > Hank / KB4MTO
> > >
> > >
> > >
> > > --- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@> wrote:
> > >>
> > >> Mark, there are two tuners (that I know of) that will bolt on the side of
> > >> the FT-897: Yaesu's FC-30 and LDG's AT-897. When I bought my FT-897D
> > >> about

> >> 4 years ago, I also bought the FP-30 power supply and the FC-30 tuner
> >> with
> >> it. The FP-30 was a great accessory, the FC-30 not so much. After a
> >> couple
> >> of months of use, I bought a LDG AT-897 tuner (that also bolts on to the
> >> radio), and put the FC-30 back in the box it came in, eventually selling
> >> it
> >> for pennies on the dollar. The FC-30 will only tune a 3:1 mismatch,
> >> while
> >> the AT-897 will tune up to a 10:1 mismatch. LDG has recently come out
> >> with
> >> the AT-897plus. From what I understand, when you press the tune button
> >> on
> >> the unit, it will cause the radio to tune automatically at low power.
> >> With
> >> the original AT-897, I manually turn the power down.
> >>
> >> 73,
> >> Ken
> >> KJ9B
> >>
> >> > -----Original Message-----
> >> > From: Mark Kliewer [mailto:kc7qhc1@]
> >> > Sent: Friday, January 22, 2010 9:27 PM
> >> > To: FT897@yahoogroups.com
> >> > Subject: [FT897] auto tunner
> >> >
> >> > Does any body use the auto tunner that bolts on to the 897
> >> > and if so how does it work? I'm useing the z-100 now thanks
> >> > mark kc7qhc
> >> >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
> > _____ NOD32 4817 (20100129) Information _____
> >
> > This message was checked by NOD32 antivirus system.
> > http://www.eset.com
> >
> >
>

29039. 987 F/S

Yahoo group: FT897 (2010)
Date: 2010-01-31 20:37:18 UTC
From: John
Topic: 29039 Message: 29039

Dear Group,

Before I post it on e-bay I thought I would try here first. I have reluctantly decided to sell my 897 (non D, but late serial number in that series). Included is TXCO, SSB and CW filters, and manual. Extras include: AT987 by LDG, and 2 W4RT battery packs and W4RT's charger. It all works excellent. It is in pristine condition. Not used portable or mobile, non-smoker.

The reason to sell is that I also own an 817 which I do use portable, and I have recently purchased another HF rig, so this has become extra, and needs a good home.

Because of all the extras, I am asking $850 but will take fair offers.

Please contact me direct at k2qy@...

73 to all,

John
K2QY

29040. Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 00:14:35 UTC
From: kc6zvi
Topic: 29040 Message: 29040

To all,
I passed the Extra test on Saturday. Oh yea Oh yea!!

This was my second attempt. I probably drove my wife crazy studying, but it worked.

KC6ZVI/AE

29041. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 01:14:38 UTC
From: Bill Barbee
Topic: 29040 Message: 29041

kc6zvi wrote:

>To all,
>I passed the Extra test on Saturday. Oh yea Oh yea!!
>
>This was my second attempt. I probably drove my wife crazy studying, but it worked.
>
>KC6ZVI/AE
>
>
>

Congratulations on the upgrade Tom.
73 and gud dx
de Bill W5LV

29042. Re: setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-02-01 01:39:46 UTC
From: kd0gdv
Topic: 29028 Message: 29042

A bit more context would help. What have you done so far? What problems, exactly, are you having.

Remember: if you want a tone code to be retained, you have to store it in a memory. Memory management is explained well in the manual.

--- In FT897@yahoogroups.com, "david.mccrossen" <david.mccrossen@...> wrote:
>
> I need help setting up tone codes
> dave
>

29043. Re:The optional Colslins 2.3 kc filter for ssb question.

Yahoo group: FT897 (2010)
Date: 2010-02-01 03:28:35 UTC
From: Tim Seeley
Topic: 29034 Message: 29043

I had something similar, Try cleaning the relays. This can be done by holding the up and down band buttons, while powering the unit up. It should say "relay cleaning" and you will hear it click while it goes through the process. I now do this about once a month, haven't had any issues in the last two years.

Tim
kc0ujm

[Non-text portions of this message have been removed]

29044. No Signal Strength on Repeater Memory

Yahoo group: FT897 (2010)
Date: 2010-01-31 22:34:58 UTC
From: Jay
Topic: 29044 Message: 29044

Hello All,

I have a brand new FT-897 which I have programmed the memory using FTBasicMMO.

On a certain Repeater in the Kansas City area (145.170.00 with a - offset), when the repeater is transmitting, and I am receiving the signal with full quieting, the signal strength meter does not budge. It stays on the left hand side of the graph. Even my LDG FT897 Meter does not move on this channel. I'm sure it is a setting, but as I'm a novice on this radio, I'm not sure which one it is.

Suggestions?

Jay
WØAVE

29045. Re: [FT897] Re: FT-897D: No or little RX signal indication on 2 meter FM only

Yahoo group: FT897 (2010)
Date: 2010-02-01 03:36:27 UTC
From: Mohd Misnan
Topic: 28994 Message: 29045

On Jan 26, 2010, at 6:56 AM, wbr001ca wrote:

> Tried your suggestion Dennis (tnx), but still no meter RX indication. Lots of audio on RX'ed 2 meter repeater stations in range. I'm completely stumped on this one.
>
> My only guess would be that "hidden" menu #F10 (FM-FS) needs adjusting, but I'm only speculating.
>
> VE1WBR - Brian

Hi Brian,

Do you have any success in resolving this issue? Somehow, my FT897D is having the same problem too .. only on 2m/FM too ..

Kind regards,
Mohd/9W2TPT

ps: Sorry, was hitting to early the send button for my previous reply and forgotten to include my callsign.

29046. Re: setting up tone codes

Yahoo group: FT897 (2010)
Date: 2010-02-01 11:49:46 UTC
From: agodney
Topic: 29028 Message: 29046

Hello Dave

Although the FT897 will allow you to enter all the required data for your memory channels, there are some very simple but effective pieces of software to make this job very simple at minimal cost. For one of them simply click on this URL:

http://www.g4hfq.co.uk/ftbasic.html

or paste it into your browser. The software you are interested in is called "FT Basic MMO" and it cost £10, it is well worth the cost.

You can set up as many of the 200 memory channels on the FT897D as you like with the antenna frequency, mode, type of tone CTCSS/DCS, the tone frequency, transmit and/or Receive tone encodeing, repeater offset, simplex of split frequency and a label displayed on the FT897 of either the antenna frequency used or an eight letter ID of your own.
This list of channels is stored firstly on your computer and then, when you are happy with the results uploaded to the FT897. (as well as a number of other transceivers)
You can organise groups of channels into various lists for specific jobs such as:

1. VHF, UHF and HF Beacon frequencies.
2. Local repeater frequencies.
3. Remote repeater frequencies for trips.
4. Groups of 5 split channel Satelite frequencies for FM LEO use.
5. Groups of 18 split channel Satelite frequencies for SSB/CW LEO use.

etc.
These can be uploaded when needed or combined and used in one large group.

The software will allow you to move the channels up or down the lists to suit your requirements.

I hope this helps you.
Regards Allan M0CBG

--- In FT897@yahoogroups.com, "david.mccrossen" <david.mccrossen@...> wrote:
>
> I need help setting up tone codes
> dave
>

29047. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 12:13:10 UTC
From: ZephyrNYC
Topic: 29040 Message: 29047

Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have the ARRL study guide. I think it could've been written better.

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 – April 17, 1790), one of the founding fathers of the United States of America, printer, scientist, inventor, civic activist, and diplomat

29048. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 13:57:18 UTC
From: Tim lyons
Topic: 29040 Message: 29048

Good on ya. I think it is best to learn about one aspect and study in from that perspective. Transmitters, modulation and conversion of energy. Antennas, nets of the sky, ground and under (we have many band privelidges with limits). To superhet, or not to PSK. Just a few. Or click through enough tests on web sites and shoot the odds. But, better to know as much to help evolve the hobby.

NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Feb 1, 2010, at 4:13, ZephyrNYC <ZephyrNYC@...> wrote:

Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
the ARRL study guide. I think it could've been written better.

73,
Frank

--
http://www.theadvocates.org/quiz.html

"Those who would give up Essential Liberty to purchase a little
Temporary Safety, deserve neither Liberty nor Safety."

- attributed to Benjamin Franklin (January 17, 1706 – April 17, 1790),
one of the founding fathers of the United States of America, printer,
scientist, inventor, civic activist, and diplomat

Yahoo! Groups Links

29049. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 14:42:17 UTC
From: Trixter aka Bret McDanel
Topic: 29040 Message: 29049

On Mon, 2010-02-01 at 07:13 -0500, ZephyrNYC wrote:
> Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
> the ARRL study guide. I think it could've been written better.

I prefer:

No-Nonsense Technician Study Guide
http://www.kb6nu.com/2006techstudyguide.pdf

No-nonsense General Study Guide
http://kb6nu.com/2007GeneralStudyGuide.pdf

AD7FO's extra class study material
http://www.arrl.org/es/instructor-resources/ExtraClassSylalbus2009jan-AD7FO.pdf

It gives an explanation paragraph about each test question using the
exact wording of both the question and answer. This makes it easier for
many people to learn the material without learning the incorrect answers
at the same time. 75% of the test is typically "wrong answers" since
its a 4 answer multiple choice test, so it is easier to get lost in
those answers. This way, if this is all you study, you will not be as
tempted to pick a wrong answer because you recall it from some other
study guides that more closely resemble the test itself.

I still suggest that you take practice tests, which will expose you to
those "wrong answers" but while actually studying the material I think
this is the best way to learn.

A note, I have noticed some confusing explanations in the extra guide.
I have notes on them but have never typed them up and placed them
anywhere publicly available. I may do that at some point so that others
can read what I thought was confusing and possibly learn from it. I am
lazy though and generally need prodding to do such things. If I do this
it would be only an addendum, my contributions are a very small part and
I would not want to duplicate the existing guide.
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29050. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 14:56:07 UTC
From: Keith Carpenter
Topic: 29040 Message: 29050

Good choices! Those are the same study guides that I and 12 of my friends used to get our tickets! W1RRS went from no license to Extra in 6 weeks. I went from being a Tech for 23 years to Extra in 3 weeks. Best of all they were free!

Great to have you, hope to hear you on the bands!

Keith WD0FIA / AFA7MU

From: Trixter aka Bret McDanel <trixter@...>
To: FT897@yahoogroups.com
Sent: Mon, February 1, 2010 8:42:17 AM
Subject: Re: [FT897] Passed the Extra Test

On Mon, 2010-02-01 at 07:13 -0500, ZephyrNYC wrote:
> Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
> the ARRL study guide. I think it could've been written better.

I prefer:

No-Nonsense Technician Study Guide
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AD7FO's extra class study material
http://www.arrl. org/es/instructo r-resources/ ExtraClassSylalb us2009jan- AD7FO.pdf

It gives an explanation paragraph about each test question using the exact wording of both the question and answer. This makes it easier for many people to learn the material without learning the incorrect answers at the same time. 75% of the test is typically "wrong answers" since its a 4 answer multiple choice test, so it is easier to get lost in those answers. This way, if this is all you study, you will not be as tempted to pick a wrong answer because you recall it from some other study guides that more closely resemble the test itself.

I still suggest that you take practice tests, which will expose you to those "wrong answers" but while actually studying the material I think this is the best way to learn.

A note, I have noticed some confusing explanations in the extra guide. I have notes on them but have never typed them up and placed them anywhere publicly available. I may do that at some point so that others can read what I thought was confusing and possibly learn from it. I am lazy though and generally need prodding to do such things. If I do this it would be only an addendum, my contributions are a very small part and

I would not want to duplicate the existing guide.
--
Trixter http://www.0xdecafb ad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

29051. Re: FT-897D: No or little RX signal indication on 2 meter FM only

Yahoo group: FT897 (2010)
Date: 2010-02-01 15:56:12 UTC
From: wbr001ca
Topic: 28994 Message: 29051

--- In FT897@yahoogroups.com, Mohd Misnan <9w2tpt@...> wrote:
>
> On Jan 26, 2010, at 6:56 AM, wbr001ca wrote:
>
> > Tried your suggestion Dennis (tnx), but still no meter RX indication. Lots of audio on RX'ed 2 meter repeater stations in range. I'm completely stumped on this one.
> >
> > My only guess would be that "hidden" menu #F10 (FM-FS) needs adjusting, but I'm only speculating.
> >
> > VE1WBR - Brian
>
>
> Hi Brian,
>
> Do you have any success in resolving this issue? Somehow, my FT897D is having the same problem too .. only on 2m/FM too ..
>
> Kind regards,
> Mohd/9W2TPT
>
> ps: Sorry, was hitting to early the send button for my previous reply and forgotten to include my callsign.
>
Hello Mohd,

Thanks for the reply.

No luck with resolving the issue. The rig is a bit over 2 years old, of which I bought new and I've only had it on about a dozen times in those 2 years.

Since I had not used it recently I could have pushed a wrong combination of buttons while trying to access a menu. (to lazy to dig out the manual)

I could have inadvertently pushed the "A" key during "power on", or any combo of the "A-B-C" keys during power on.

However, I subsequently have done 2 full resets of the rig, and went through 5 contact cleaning routines thinking that perhaps the contacts could have been dirty. Doing the above should have reset any "wrong" key combo I may have selected, I would think.

As I stated in my first post, RX on other modes on 2 meters is where it should be, although I believe PKT mode is also affected, but not DIG, U/LSB, CW/CWR. FM RX meter indication on a "full quieting" signal only shows S4-5.(local repeater) If I switch to say DIG while the local repeater is in use I see a meter indication of almost full scale.

This problem has me stumped.

If there is a component failure I wonder how it would be possible to RX "audio quality" (full quieting) from a S4 signal. (should be S9+60dB) Other 2 meter FM repeaters show no RX meter indication, but when switched to DIG mode I get "near" correct signal strengths for the appropriate repeater.

73,
Brian VE1WBR

29052. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-01 22:04:12 UTC
From: ZephyrNYC
Topic: 29040 Message: 29052

Thanks, Bret. I'll study that Extra syllabus :)

Tom, I'll look for the book online. Thanks, everyone!

73,
Frank

On Mon, Feb 1, 2010 at 09:42, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> On Mon, 2010-02-01 at 07:13 -0500, ZephyrNYC wrote:
> > Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
> > the ARRL study guide. I think it could've been written better.
>
> I prefer:
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>
> No-nonsense General Study Guide
> http://kb6nu.com/2007GeneralStudyGuide.pdf
>
> AD7FO's extra class study material
>
> http://www.arrl.org/es/instructor-resources/ExtraClassSylalbus2009jan-AD7FO.pdf
>
> It gives an explanation paragraph about each test question using the
> exact wording of both the question and answer. This makes it easier for
> many people to learn the material without learning the incorrect answers
> at the same time. 75% of the test is typically "wrong answers" since
> its a 4 answer multiple choice test, so it is easier to get lost in
> those answers. This way, if this is all you study, you will not be as
> tempted to pick a wrong answer because you recall it from some other
> study guides that more closely resemble the test itself.
>
> I still suggest that you take practice tests, which will expose you to
> those "wrong answers" but while actually studying the material I think
> this is the best way to learn.
>
> A note, I have noticed some confusing explanations in the extra guide.
> I have notes on them but have never typed them up and placed them
> anywhere publicly available. I may do that at some point so that others
> can read what I thought was confusing and possibly learn from it. I am
> lazy though and generally need prodding to do such things. If I do this

> it would be only an addendum, my contributions are a very small part and
> I would not want to duplicate the existing guide.
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

29053. Re: [FT897] Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-02 02:43:29 UTC
From: George Womack
Topic: 29040 Message: 29053

Could you send me one of those study guides for the Extra so that I could give it to my friend to study. I have been an Extra since 1981 when they had what was called the Bash Book. I had to do the 20 wpm code and it was fun !!!1 wb9sjz@... George My address is on qrz.com

---

From: Keith Carpenter <afa7mu@...>
To: FT897@yahoogroups.com
Sent: Mon, February 1, 2010 9:56:07 AM
Subject: Re: [FT897] Passed the Extra Test

Good choices! Those are the same study guides that I and 12 of my friends used to get our tickets! W1RRS went from no license to Extra in 6 weeks. I went from being a Tech for 23 years to Extra in 3 weeks. Best of all they were free!

Great to have you, hope to hear you on the bands!

Keith WD0FIA / AFA7MU

From: Trixter aka Bret McDanel <trixter@0xdecafbad. com>
To: FT897@yahoogroups. com
Sent: Mon, February 1, 2010 8:42:17 AM
Subject: Re: [FT897] Passed the Extra Test

On Mon, 2010-02-01 at 07:13 -0500, ZephyrNYC wrote:
> Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
> the ARRL study guide. I think it could've been written better.

I prefer:

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http://www.kb6nu. com/2006techstud yguide.pdf

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AD7FO's extra class study material
http://www.arrl. org/es/instructo r-resources/ ExtraClassSylalb us2009jan- AD7FO.pdf

It gives an explanation paragraph about each test question using the exact wording of both the question and answer. This makes it easier for many people to learn the material without learning the incorrect answers at the same time. 75% of the test is typically "wrong answers" since its a 4 answer multiple choice test, so it is easier to get lost in those answers. This way, if this is all you study, you will not be as tempted to pick a wrong answer because you recall it from some other study guides that more closely resemble the test itself.

I still suggest that you take practice tests, which will expose you to those "wrong answers" but while actually studying the material I think this is the best way to learn.

A note, I have noticed some confusing explanations in the extra guide. I have notes on them but have never typed them up and placed them anywhere publicly available. I may do that at some point so that others can read what I thought was confusing and possibly learn from it. I am lazy though and generally need prodding to do such things. If I do this it would be only an addendum, my contributions are a very small part and I would not want to duplicate the existing guide.
--
Trixter http://www.0xdecafb ad.com Bret McDanel
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29054. Re: Passed the Extra Test

Yahoo group: FT897 (2010)
Date: 2010-02-02 03:07:48 UTC
From: rschaffrath
Topic: 29040 Message: 29054

Just for fun, I should take a look at the current Extra syllabus. I went through the old path of five exams and found the Advanced to be the most difficult of the five. I haven't checked to see what was done with the old Advanced syllabus when that class was eliminated.

Robert, N2JTX

--- In FT897@yahoogroups.com, Tim lyons <nh2bv@...> wrote:
>
> Good on ya. I think it is best to learn about one aspect and study in from that perspective. Transmitters, modulation and conversion of energy. Antennas, nets of the sky, ground and under (we have many band privelidges with limits). To superhet, or not to PSK. Just a few. Or click through enough tests on web sites and shoot the odds. But, better to know as much to help evolve the hobby.
>
> NH2BV
>
> Sent from my iPhone at great care and caution. Edited by primate!
>
> On Feb 1, 2010, at 4:13, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Congrats, KC6ZVI/AE! :-) Which study guides do you recommend? I have
> the ARRL study guide. I think it could've been written better.
>
> 73,
> Frank
>
> --
> http://www.theadvocates.org/quiz.html
>
> "Those who would give up Essential Liberty to purchase a little
> Temporary Safety, deserve neither Liberty nor Safety."
>
> - attributed to Benjamin Franklin (January 17, 1706 â☐" April 17, 1790),
> one of the founding fathers of the United States of America, printer,
> scientist, inventor, civic activist, and diplomat
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

29055. deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 02:02:48 UTC
From: Matt Patterson
Topic: 29040 Message: 29055

Thinking about taking my FT-897 with me on a road trip and curious how long you think it might run @ full power off of a standard deep cycle marine battery?

73 Matt

W5LL

[Non-text portions of this message have been removed]

29056. Re: [FT897] deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 02:27:07 UTC
From: Damien Gardner Jnr
Topic: 29040 Message: 29056

On 04/02/2010, at 1:02 PM, Matt Patterson wrote:
> Thinking about taking my FT-897 with me on a road trip and curious
> how long
> you think it might run @ full power off of a standard deep cycle
> marine
> battery?

grin that should be a fairly simple AH of battery / ~10A = transmit time in hours ? :) Of course, you wouldn't be transmitting non-stop, so you'd get somewhat more :)

--DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

29057. Re: [FT897] deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 02:34:55 UTC
From: Dean Nash
Topic: 29040 Message: 29057

My DieHard Platinum P3 AGM lasts about 14 hours at about a 10% transmit duty cycle.

Drops to about 8 hours at 30%. You might get as much as 6 hours at 50% before low voltage shutdown. It really depends on the ratio of transmit to receive time.

I HIGHLY recommend the purchase of a "Doc Wattson" meter to monitor your battery power when portable. "Doc" will keep you informed on how much power you're consuming and approximately what's left in both power and time. Well worth the $60 is you're doing alot of portable work to protect an $800 radio......

http://www.powerwerx.com/tools-meters/doc-wattson-meter-dc-inline.html

73 de N4SHD

From: Matt Patterson <mattpatt@...>
To: FT897@yahoogroups.com
Sent: Wed, February 3, 2010 9:02:48 PM
Subject: [FT897] deep cycle battery

Thinking about taking my FT-897 with me on a road trip and curious how long
you think it might run @ full power off of a standard deep cycle marine
battery?

73 Matt

W5LL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29058. Re: deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 07:53:05 UTC
From: Scott
Topic: 29040 Message: 29058

Matt,

As noted there are a number of variables to consider.
There really is no absolute answer to the question.
One of those "sortta depends" things.

For example, will you be at a places that you can charge
the battery when not in use? or hook it up to the car
and charge it like with the normal battery for the
starter? People that toat boats and trailers have that
set up for their boats, trailers and rv's.

When I go out and camp with a tent, I toat along a deep
cycle marine battery and solar panels that works rather
well for keeping it charged in good weather.

I really don't know the answer to your question because
I introduced a variable because I fed the beast <LOL>.

What I can say is the radio was on 24x7 for 7 days with
some transmit time. At the end of the week it was still
nearly fully charged.

Might tell us your plans for the road trip and maybe
some of us can catch you on the air.

Good luck with the trip and have fun

73,
Scott
K7DXZ

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:

> Thinking about taking my FT-897 with me on a road trip and curious
> how long you think it might run @ full power off of a standard deep
> cycle marine battery?

> 73 Matt
>
> W5LL

29059. RE: [FT897] Re: deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 12:56:20 UTC
From: Matt Patterson
Topic: 29040 Message: 29059

Hi Scott,

I've got to go to Baton Rouge on a business trip and it's about a 8 hour drive for me. I'm going with a colleague from work and he's driving so I thought I'd take my FT-897 a deep cycle marine battery and a 20m hamstick on a mag mount and play on the radio while on the way down there. The guy I'm riding with doesn't really know what to think about amateur radio. He used a CB a lot back several years ago and I think he compares ham radio to being similar. I thought it might be a good opportunity to show him the differences and maybe even talk him into taking the test. With any luck the band might be open and make a couple DX contacts. If that happens, I think I'll have him hooked. J

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Scott
Sent: Thursday, February 04, 2010 1:53 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: deep cycle battery

Matt,

As noted there are a number of variables to consider.
There really is no absolute answer to the question.
One of those "sortta depends" things.

For example, will you be at a places that you can charge the battery when not in use? or hook it up to the car and charge it like with the normal battery for the starter? People that toat boats and trailers have that set up for their boats, trailers and rv's.

When I go out and camp with a tent, I toat along a deep cycle marine battery and solar panels that works rather well for keeping it charged in good weather.

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What I can say is the radio was on 24x7 for 7 days with some transmit time. At the end of the week it was still nearly fully charged.

Might tell us your plans for the road trip and maybe some of us can catch you on the air.

Good luck with the trip and have fun

73,
Scott
K7DXZ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Matt Patterson" <mattpatt@...> wrote:

> Thinking about taking my FT-897 with me on a road trip and curious
> how long you think it might run @ full power off of a standard deep
> cycle marine battery?

> 73 Matt
>
> W5LL

[Non-text portions of this message have been removed]

29060. Re: deep cycle battery

Yahoo group: FT897 (2010)
Date: 2010-02-04 19:35:47 UTC
From: Scott
Topic: 29040 Message: 29060

Excellent :) I am guessing if fully charged, you will be
just fine for the trip.

Good Luck and 73,
Scott
K7DXZ

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:
>
> Hi Scott,
>
>
>
> I've got to go to Baton Rouge on a business trip and it's about a 8 hour
> drive for me. I'm going with a colleague from work and he's driving so I
> thought I'd take my FT-897 a deep cycle marine battery and a 20m hamstick on
> a mag mount and play on the radio while on the way down there. The guy I'm
> riding with doesn't really know what to think about amateur radio. He used
> a CB a lot back several years ago and I think he compares ham radio to being
> similar. I thought it might be a good opportunity to show him the
> differences and maybe even talk him into taking the test. With any luck the
> band might be open and make a couple DX contacts. If that happens, I think
> I'll have him hooked. J
>
>
>
> 73 Matt
>
> W5LL

29061. Mixer crystal ...

Yahoo group: FT897 (2010)
Date: 2010-02-05 16:49:13 UTC
From: wb9sjz
Topic: 29061 Message: 29061

If the mixer crystal goes bad, would this cause the radio to transmit and receive on both side band modes at once??? This problem was intermittent but getting worse by the day . Trying to narrow this problem down. The radio works great on the a.m. mode.. Also, when this ssb problem happens, it also degrades the receive on the ssb modes as they do not sound like normal ssb and the signal strength is taken back some too when the problem happens.

wb9sjz@...

29062. Mixer crystal ...

Yahoo group: FT897 (2010)
Date: 2010-02-05 16:49:00 UTC
From: wb9sjz
Topic: 29061 Message: 29062

If the mixer crystal goes bad, would this cause the radio to transmit and receive on both side band modes at once??? This problem was intermittent but getting worse by the day . Trying to narrow this problem down. The radio works great on the a.m. mode.. Also, when this ssb problem happens, it also degrades the receive on the ssb modes as they do not sound like normal ssb and the signal strength is taken back some too when the problem happens.

wb9sjz@...

29063. Re: [FT897] Mixer crystal ...

Yahoo group: FT897 (2010)
Date: 2010-02-05 17:23:36 UTC
From: Patrick Ouellette
Topic: 29061 Message: 29063

On Fri, Feb 05, 2010 at 04:49:13PM -0000, wb9sjz wrote:
>
> If the mixer crystal goes bad, would this cause the radio to transmit and receive on both side band modes at once??? This problem was intermittent but getting worse by the day . Trying to narrow this problem down. The radio works great on the a.m. mode.. Also, when this ssb problem happens, it also degrades the receive on the ssb modes as they do not sound like normal ssb and the signal strength is taken back some too when the problem happens.
>

Not having a circuit diagram or service manual present, here is my guess:
There is usually a filter to remove the unwanted sideband and carrier.
If the filter goes bad, you would get essentially crappy AM all the time.
(Both side bands and a carrier).

Good Luck & 73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

29064. Soft jumper MARS/CAP mod

Yahoo group: FT897 (2010)
Date: 2010-02-03 19:08:25 UTC
From: Sean and Lanie
Topic: 29064 Message: 29064

Anyone successful in the soft jumper MARS/CAP mod on the Yaesu FT-897D. I tried last night, but no go. I will double check my connections, but I think I have the cable in the correct ports. I'm using the Yaesu USB CT-62 CAT Interface cable. Maybe I'm using the wrong port on the radio. I'm running HRD with the cable interface, and no problems with HRD (which is a cool program).
Input please.

Thank you!

29065. RE: [FT897] Mixer crystal ...

Yahoo group: FT897 (2010)
Date: 2010-02-05 19:12:15 UTC
From: Simon Robinson
Topic: 29061 Message: 29065

I believe there was a problem with some 897's and it was to do with the filters. Yaesu repaired them under warranty - TWO filters were replaced.

Don't know if that helps at all but it has to be either the filters or the carrier insertion oscillator crystal I would have thought.

Regards

M5POO

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Patrick Ouellette
Sent: 05 February 2010 17:24
To: FT897@yahoogroups.com
Subject: Re: [FT897] Mixer crystal ...

On Fri, Feb 05, 2010 at 04:49:13PM -0000, wb9sjz wrote:
>
> If the mixer crystal goes bad, would this cause the radio to transmit and receive on both side band modes at once??? This problem was intermittent but getting worse by the day . Trying to narrow this problem down. The radio works great on the a.m. mode.. Also, when this ssb problem happens, it also degrades the receive on the ssb modes as they do not sound like normal ssb and the signal strength is taken back some too when the problem happens.
>

Not having a circuit diagram or service manual present, here is my guess:
There is usually a filter to remove the unwanted sideband and carrier.
If the filter goes bad, you would get essentially crappy AM all the time.
(Both side bands and a carrier).

Good Luck & 73,

Pat NE4PO
--

Patrick Ouellette pat@flying-gecko. <mailto:pat%40flying-gecko.net> net
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

[Non-text portions of this message have been removed]

29066. Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-05 14:01:19 UTC
From: Paul Dumpleton
Topic: 29066 Message: 29066

Hi,

I have some headsets for sale on ebay, suitable for use with the FT857/897 and others:

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageName=STRK:MESELX:IT

Please note this is a UK auction only

73 Paul, M0XDX

[Non-text portions of this message have been removed]

29067. Microphone swat

Yahoo group: FT897 (2010)
Date: 2010-02-04 20:54:08 UTC
From: Spyke ---- KF5BBH
Topic: 29067 Message: 29067

I have a Yaesu FT 7800R with a MH 48 A6J Mic. and was wondering if it will swap out and all the features work on the FT897?
Thank you,
Bobby KF5BBH

29068. Confirming Mode for PSK31 & Nomic

Yahoo group: FT897 (2010)
Date: 2010-02-04 11:03:53 UTC
From: bgh7560
Topic: 29068 Message: 29068

Mode needs to be set to USB to operate PSK31 with Rigblaster Nomic (which interfaces to FT897 via mic jack). In DIG mode I found PTT would activate but no with output, I suspect this is due to nothing being connected the CAT port (ie no incoming data so no output)... Thanks, KD8IWW

29069. Re: [FT897] Soft jumper MARS/CAP mod

Yahoo group: FT897 (2010)
Date: 2010-02-06 00:30:33 UTC
From: Bob Jones
Topic: 29064 Message: 29069

Hi Sean,

The "Soft Jumper" does not work on the FT897D. You will have to have a hardware modification to incorporate the MARS/CAP mod.

Bob
W4LCS/AAR4LB

--- On Wed, 2/3/10, Sean and Lanie <kamaaina1@...> wrote:

From: Sean and Lanie <kamaaina1@...>
Subject: [FT897] Soft jumper MARS/CAP mod
To: FT897@yahoogroups.com
Date: Wednesday, February 3, 2010, 1:08 PM

Anyone successful in the soft jumper MARS/CAP mod on the Yaesu FT-897D. I tried last night, but no go. I will double check my connections, but I think I have the cable in the correct ports. I'm using the Yaesu USB CT-62 CAT Interface cable. Maybe I'm using the wrong port on the radio. I'm running HRD with the cable interface, and no problems with HRD (which is a cool program).
Input please.

Thank you!

[Non-text portions of this message have been removed]

29070. RE: Confirming Mode for PSK31 & Nomic

Yahoo group: FT897 (2010)
Date: 2010-02-06 11:29:24 UTC
From: Jon Perelstein
Topic: 29068 Message: 29070

>>Mode needs to be set to USB to operate PSK31 with Rigblaster Nomic (which interfaces to FT897
via mic jack). In DIG mode I found PTT would activate but no with
output, I suspect this is due to nothing being connected the CAT port
(ie no incoming data so no output)...

When all else fails, read the manual.

The CAT port is used for computer control of the rig -- frequency, mode, etc. It has nothing to do with your incoming data. If you try to feed your incoming data into the CAT port, at best you will accomplish nothing, at worst you will damage the circuitry.

The DIG mode is used when you're interfacing your incoming data via the DATA jack in the back of the unit. Since you're not interfacing via the DATA jack (you're using the microphone), you should not be in DIG mode.

The digital menu settings (e.g., menu item #38) only apply when you're in DIG mode.

The nomic manual pretty much explains it all when it comes to running PSK on a rig that is using the microphone as the interface point.

Jon
KB1QBZ

[Non-text portions of this message have been removed]

29071. RE: [FT897] Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-06 11:42:01 UTC
From: Dennis
Topic: 29066 Message: 29071

Ya know, why did you not offer these here FIRST before putting them on EBay?
Might have gotten more sales/interest!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Paul
Dumpleton
Sent: Friday, February 05, 2010 8:01 AM
To: FT897@yahoogroups.com
Subject: [FT897] Headets for FT857/897

Hi,

I have some headsets for sale on ebay, suitable for use with the FT857/897
and others:

http://cgi.ebay.
<http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageNam
e=STRK:MESELX:IT>
co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageName=STRK:MESELX:IT

Please note this is a UK auction only

73 Paul, M0XDX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29072. Re: [FT897] RE: Confirming Mode for PSK31 & Nomic

Yahoo group: FT897 (2010)
Date: 2010-02-06 13:56:00 UTC
From: Florentin Nastase
Topic: 29068 Message: 29072

I am using in menu #38 PSK_L, in DIG mode, CAT control and home made sound iterface on DATA jack.
Softaware is MixW and I used also for RX 300Hz filter ... with "ALIGN" on 1010 Hz on the waterfall ...
For RTTY in #38 RTTY_L and ALIGN on 2045Hz..
In MixW Dig (YAESU) is LSB.
For me is OK !
73's
Florentin YO9BXC.

--- On Sat, 2/6/10, Jon Perelstein <jperelst@yahoo.com> wrote:

From: Jon Perelstein <jperelst@...>
Subject: [FT897] RE: Confirming Mode for PSK31 & Nomic
To: FT897@yahoogroups.com
Date: Saturday, February 6, 2010, 3:29 AM

>>Mode needs to be set to USB to operate PSK31 with Rigblaster Nomic (which interfaces to FT897
via mic jack). In DIG mode I found PTT would activate but no with
output, I suspect this is due to nothing being connected the CAT port
(ie no incoming data so no output)...

When all else fails, read the manual.

The CAT port is used for computer control of the rig -- frequency, mode, etc. It has nothing to do with your incoming data. If you try to feed your incoming data into the CAT port, at best you will accomplish nothing, at worst you will damage the circuitry.

The DIG mode is used when you're interfacing your incoming data via the DATA jack in the back of the unit. Since you're not interfacing via the DATA jack (you're using the microphone), you should not be in DIG mode.

The digital menu settings (e.g., menu item #38) only apply when you're in DIG mode.

The nomic manual pretty much explains it all when it comes to running PSK on a rig that is using the microphone as the interface point.

Jon
KB1QBZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29073. cw with hand mic

Yahoo group: FT897 (2010)
Date: 2010-02-06 14:57:00 UTC
From: bragucci
Topic: 29073 Message: 29073

When I purchased my 897 back in August I remember the AES sales person telling me I could use the hand mic to send cw. He mentioned using the up/dwn buttons on the mic to send code? Anyone ever heard of this?
Also, as I write this I am listening to 40m SSB. The AGC is off, I'm showing a noise level of s3. I turn on AGC and the noise jumps to s8. I just changed to 20m, AGC is off and the noise is at s4, I turn on the AGC and it stays at s4. Why the difference?

Thx
Bart

29074. Re: cw with hand mic

Yahoo group: FT897 (2010)
Date: 2010-02-06 15:05:49 UTC
From: bragucci
Topic: 29073 Message: 29074

Ok, I answered my own question on AGC- anyone know about the CW with the hand mic??

--- In FT897@yahoogroups.com, "bragucci" <bragucci@...> wrote:
>
> When I purchased my 897 back in August I remember the AES sales person telling me I could use the hand mic to send cw. He mentioned using the up/dwn buttons on the mic to send code? Anyone ever heard of this?
> Also, as I write this I am listening to 40m SSB. The AGC is off, I'm showing a noise level of s3. I turn on AGC and the noise jumps to s8. I just changed to 20m, AGC is off and the noise is at s4, I turn on the AGC and it stays at s4. Why the difference?
>
> Thx
> Bart
>

29075. Re: Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-06 15:15:49 UTC
From: ke5dfr@sbcglobal.net
Topic: 29066 Message: 29075

Looks kind of commerical for the poster. In any case, I'll stick to my Hiel Proset.
Ken
KE5dfr

--- In FT897@yahoogroups.com, Paul Dumpleton <m0xdx@...> wrote:
>
> Hi,
>
> I have some headsets for sale on ebay, suitable for use with the FT857/897 and others:
>
> http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageName=STRK:MESELX:IT
>
> Please note this is a UK auction only
>
> 73 Paul, M0XDX
>
>
>
>
> [Non-text portions of this message have been removed]
>

29076. Re: [FT897] cw with hand mic

Yahoo group: FT897 (2010)
Date: 2010-02-06 15:19:52 UTC
From: Louis Perley
Topic: 29073 Message: 29076

Without having the manual handy, if memory serves, there is a menu, though I don't recall which one, that you switch from KEY to MIC. This allows you to use the up and down buttons on the microphone for the dots and dashes. I used if for a short time until I bought my first key.

-Louis, KC0VJE

On Feb 6, 2010, at 7:57 AM, bragucci wrote:

> When I purchased my 897 back in August I remember the AES sales person telling me I could use the hand mic to send cw. He mentioned using the up/dwn buttons on the mic to send code? Anyone ever heard of this?
> Also, as I write this I am listening to 40m SSB. The AGC is off, I'm showing a noise level of s3. I turn on AGC and the noise jumps to s8. I just changed to 20m, AGC is off and the noise is at s4, I turn on the AGC and it stays at s4. Why the difference?
>
> Thx
> Bart
>
>

29077. CW

Yahoo group: FT897 (2010)
Date: 2010-02-06 20:24:03 UTC
From: bragucci
Topic: 11796 Message: 29077

Ok, now that I know how to use the hand mic for CW I want to give it a try. The radio has an "electronic keyer" from what I've read. What does this keyer do? How will it be of benefit to me as I begin to work CW? Am I correct that I can also set a CW message into memory and send it automatically rather then keying it in? For example I can set cw,cw, this is kd8gtp calling cw, to automatically send rather then having to key it in each time? This cw is rather new to me and input would be appreciated.
Thx
Bart

29078. Re: [FT897] Re: Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-06 21:06:27 UTC
From: Roger Hunt
Topic: 29066 Message: 29078

hi..the headsets look good, as far I know there is no RX audio on the modular plug. does your headsets have jacks for audio ?

Roger Hunt. G3PVU Lincoln Uk (ex SU9VU)

--- On Sat, 6/2/10, ke5dfr@... <ke5dfr@sbcglobal.net> wrote:

From: ke5dfr@... <ke5dfr@...>
Subject: [FT897] Re: Headets for FT857/897
To: FT897@yahoogroups.com
Date: Saturday, 6 February, 2010, 15:15

Looks kind of commerical for the poster. In any case, I'll stick to my Hiel Proset.

Ken

KE5dfr

--- In FT897@yahoogroups. com, Paul Dumpleton <m0xdx@...> wrote:

>

> Hi,

>

> I have some headsets for sale on ebay, suitable for use with the FT857/897 and others:

>

> http://cgi.ebay. co.uk/ws/ eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageName=
STRK:MESELX: IT

>

> Please note this is a UK auction only

>

> 73 Paul, M0XDX

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

29079. Re: [FT897] CW

Yahoo group: FT897 (2010)
Date: 2010-02-06 23:14:24 UTC
From: Paul Harris
Topic: 11796 Message: 29079

Look up the CW operating page in the owners manual, and you will find the keyer sets up speed and spacing of dits and dahs. There is a beacon feature for a preset message ie. cq de your call. It is used by the menu ply 1 ply 2 and ply 3 below the screen. It is all explained in better detail than I have done here. Good Luck .   Paul KB2VEC

--- On Sat, 2/6/10, bragucci <bragucci@...> wrote:

From: bragucci <bragucci@...>
Subject: [FT897] CW
To: FT897@yahoogroups.com
Date: Saturday, February 6, 2010, 3:24 PM

Ok, now that I know how to use the hand mic for CW I want to give it a try. The radio has an "electronic keyer" from what I've read. What does this keyer do? How will it be of benefit to me as I begin to work CW? Am I correct that I can also set a CW message into memory and send it automatically rather then keying it in? For example I can set cw,cw, this is kd8gtp calling cw, to automatically send rather then having to key it in each time? This cw is rather new to me and input would be appreciated.

Thx

Bart

[Non-text portions of this message have been removed]

29080. no swr

Yahoo group: FT897 (2010)
Date: 2010-02-07 06:12:44 UTC
From: josedouglas@yahoo.com
Topic: 29080 Message: 29080

Hi!

We are fairly new at this.
We're getting swr readings on 2m and 70cm fine using a Diamond antenna, but are getting no swr readings at all on HF using a GAP vertical.
Hooked up an swr meter, same results.
Just got an MFJ 945 c manual antenna tuner and also can't get any swr readings.
Hooked up the GAP to an antenna analyzer and do get swr readings on the antenna.

Any help would be appreciated.

Thanks and 73s

Jose Douglas
KB1TCD

29081. Re: no swr

Yahoo group: FT897 (2010)
Date: 2010-02-07 08:07:09 UTC
From: Yves
Topic: 29080 Message: 29081

Perhaps you have 1:1 or approaching then you have no reading.
73
Yves ON4KCY

--- In FT897@yahoogroups.com, <josedouglas@...> wrote:
>
> Hi!
>
> We are fairly new at this.
> We're getting swr readings on 2m and 70cm fine using a Diamond antenna, but are getting no swr readings at all on HF using a GAP vertical.
> Hooked up an swr meter, same results.
> Just got an MFJ 945 c manual antenna tuner and also can't get any swr readings.
> Hooked up the GAP to an antenna analyzer and do get swr readings on the antenna.
>
> Any help would be appreciated.
>
> Thanks and 73s
>
> Jose Douglas
> KB1TCD
>

29082. RE: [FT897] Re: no swr

Yahoo group: FT897 (2010)
Date: 2010-02-07 08:19:20 UTC
From: Bruce Krell
Topic: 29080 Message: 29082

While SWR is a good measure to look at, a more practical test might simply be to communicate

With someone on a frequency.

If you have clear communications both ways, which you often do, even with a reasonable SWR,

Then why do you really care what is the SWR?

Bruce Krell

AE6VG

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Yves
Sent: Sunday, February 07, 2010 12:07 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: no swr

Perhaps you have 1:1 or approaching then you have no reading.
73
Yves ON4KCY

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , <josedouglas@...> wrote:
>
> Hi!
>
> We are fairly new at this.
> We're getting swr readings on 2m and 70cm fine using a Diamond antenna, but are getting no swr readings at all on HF using a GAP vertical.
> Hooked up an swr meter, same results.
> Just got an MFJ 945 c manual antenna tuner and also can't get any swr readings.
> Hooked up the GAP to an antenna analyzer and do get swr readings on the antenna.
>
> Any help would be appreciated.
>
> Thanks and 73s
>
> Jose Douglas
> KB1TCD
>

[Non-text portions of this message have been removed]

29083. Re: no swr

Yahoo group: FT897 (2010)
Date: 2010-02-07 10:08:39 UTC
From: g8hul
Topic: 29080 Message: 29083

> We are fairly new at this.
> We're getting swr readings on 2m and 70cm fine using a Diamond antenna, but are getting no swr readings at all on HF using a GAP vertical.
> Hooked up an swr meter, same results.
> Just got an MFJ 945 c manual antenna tuner and also can't get any swr readings.
> Hooked up the GAP to an antenna analyzer and do get swr readings on the antenna.
>
> Any help would be appreciated.
>
> Thanks and 73s
>
> Jose Douglas
> KB1TCD
>

How are you trying to measure your SWR?

If you are using ssb there will be no carrier, hence no reading, unless you actually speak into the mic.

You must use a mode that has a constant carrier for tuning and reading swr, such as CW.

73
Jeff

29084. Re: Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-07 12:37:02 UTC
From: m0xdx
Topic: 29066 Message: 29084

Hi Roger,

Yes,the headsets also have a 3.5mm plug for the RX audio.
If you are interested there is one left at the moment and the listing finishes tonight(Sunday) just after 8 p.m.

Regards,Paul M0XDX ,Mablethorpe,Lincs

--- In FT897@yahoogroups.com, Roger Hunt <g3pvu@...> wrote:
>
> hi..the headsets look good, as far I know there is no RX audio on the modular plug. does your headsets have jacks for audio ?
>
> Roger Hunt. G3PVU Lincoln Uk (ex SU9VU)

29085. Re: [FT897] Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-07 14:52:17 UTC
From: Marc DAVID
Topic: 29066 Message: 29085

Only for UK !
:'(

Dennis a écrit :
>
>
> Ya know, why did you not offer these here FIRST before putting them on
> EBay?
> Might have gotten more sales/interest!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of Paul
> Dumpleton
> Sent: Friday, February 05, 2010 8:01 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Headets for FT857/897
>
> Hi,
>
> I have some headsets for sale on ebay, suitable for use with the FT857/897
> and others:
>
> http://cgi.ebay.
> <http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageNam
> <http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageNam>
> e=STRK:MESELX:IT>
> co.uk/ws/eBayISAPI.dll?ViewItem&item=280457930198&ssPageName=STRK:MESELX:IT
>
> Please note this is a UK auction only
>
> 73 Paul, M0XDX
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29086. Re: [FT897] Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-07 18:00:45 UTC
From: Lloyd M. Mitchell
Topic: 29066 Message: 29086

Paul,
Do you (will you) get more? I like the way they look. OR can you supply the maker so I may inquire from other places for one set?
Thanks...
Lloyd KO4L

Report your local rainfall http://cocorahs.org My homepage is http://tinyurl.com/bsyn9
'In GOD, I trust'"

--- On Sun, 2/7/10, Marc DAVID <f1rhx@...> wrote:

From: Marc DAVID <f1rhx@...>
Subject: Re: [FT897] Headets for FT857/897
To: FT897@yahoogroups.com
Date: Sunday, February 7, 2010, 9:52 AM

Only for UK !

:'(

Dennis a écrit :

>

>

> Ya know, why did you not offer these here FIRST before putting them on

> EBay?

> Might have gotten more sales/interest!

>

> Dennis - N8BMB

>

> -----Original Message-----

> From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>

> [mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On

> Behalf Of Paul

> Dumpleton

> Sent: Friday, February 05, 2010 8:01 AM

> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>

> Subject: [FT897] Headets for FT857/897

>

> Hi,

>

> I have some headsets for sale on ebay, suitable for use with the FT857/897

> and others:

>

> http://cgi.ebay.

> <http://cgi.ebay. co.uk/ws/ eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageNam

> <http://cgi.ebay. co.uk/ws/ eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageNam>

> e=STRK:MESELX: IT>

> co.uk/ws/eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageName= STRK:MESELX: IT

>

> Please note this is a UK auction only

>

> 73 Paul, M0XDX

>

> [Non-text portions of this message have been removed]

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29087. Adjusting ALC for psk31

Yahoo group: FT897 (2010)
Date: 2010-02-08 03:30:05 UTC
From: Graeme
Topic: 29087 Message: 29087

I have just moved me 897d into me shack and want to setup it for psk31. I am running it into a SGC239 with 100 foot of wire. How do I and what do I adjust to reduce the ALC to next to nothing (as recomended for psk31)

graeme vk4rd

[Non-text portions of this message have been removed]

29088. jumper settings

Yahoo group: FT897 (2010)
Date: 2010-02-08 07:17:13 UTC
From: Trixter aka Bret McDanel
Topic: 29088 Message: 29088

I have seen many people talk only about the jumper setting for freebanding (which really isnt freebanding but meh). I have typed up the information on a Yaesu document on what the jumpers really mean. This way people can make more informed decisions about what mod they want.

What I do not know at this time is what jumpers 1004, 1005, 1006 do. If anyone has documentation on that I would greatly appreciate it.

this is a precursor to writing a free app that will do a mod via software only. Yes there are others out there, mine will be a perl script using the perl module I wrote just to give people yet another option.

The short version is you just write to memory locations 4 & 5 for the jumper settings and power cycle the radio. If you reset the radio then it will reread the hardware settings and go back to the way it was.

For those that are interested in the raw information:

http://www.0xdecafbad.com/2010/02/ft-897-ft-857-jumper-settings/
http://www.0xdecafbad.com/2009/08/yaesu-ft-8xx-cat-perl-module/
http://www.0xdecafbad.com/2009/08/ft-897-memory-map/

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29089. Re:Adjusting ALC for psk31

Yahoo group: FT897 (2010)
Date: 2010-02-08 10:31:33 UTC
From: Jon Perelstein
Topic: 29087 Message: 29089

In general, PSK31 is operated at no more than 30 watts power output. Given that, West Mountain Radio (the people who make the RIGblasters) recommend the following:

1. Set the radio's power output at or near full power

2. Adjust the computer's sound level, the radio's input gain*, and the gain on your interface (if your interface has a gain control) so that your transmission is getting the output power you want (e.g., 30 watts). As much as possible, you want to keep each of the individual controls (sound level, input gain, interface gain) toward the middle of their settings range so that you get absolutely minimal distortion. In practice, you'll be below the middle of their ranges, but try to not to have any of them rock bottom.

The result will be a nice clean signal with no ALC activity. For PSK, no ALC is even better than just a little ALC.

* If you're interfacing through the data jack, you would set the digital gain (menu item 37). If you're interfacing through the microphone, you would set the SSB mic gain (menu item 81).

Jon
KB1QBZ

[Non-text portions of this message have been removed]

29090. Re: [FT897] Adjusting ALC for psk31

Yahoo group: FT897 (2010)
Date: 2010-02-08 19:21:45 UTC
From: Curt Givens
Topic: 29087 Message: 29090

Graeme, I just adjust the volume out from the sound card to the radio while watching the alc indicator and roll the volume back until it disapears. Signal reports have been good so far.

73 de Curt KC8STE

--- On Sun, 2/7/10, Graeme <graeme52au@...> wrote:

From: Graeme <graeme52au@yahoo.com.au>
Subject: [FT897] Adjusting ALC for psk31
To: FT897@yahoogroups.com
Date: Sunday, February 7, 2010, 10:30 PM

I have just moved me 897d into me shack and want to setup it for psk31. I am running it into a SGC239 with 100 foot of wire. How do I and what do I adjust to reduce the ALC to next to nothing (as recomended for psk31)

graeme vk4rd

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29091. Re: [FT897] Headets for FT857/897

Yahoo group: FT897 (2010)
Date: 2010-02-08 21:25:08 UTC
From: Lloyd M. Mitchell
Topic: 29066 Message: 29091

Here is the same headset at Amazon.com
You will have to convert to the RJ-45 connector I would bet.
http://tinyurl.com/yz9kqxv
Ko4Lloyd

--- On Sun, 2/7/10, Marc DAVID <f1rhx@...> wrote:

From: Marc DAVID <f1rhx@...>
Subject: Re: [FT897] Headets for FT857/897
To: FT897@yahoogroups.com
Date: Sunday, February 7, 2010, 9:52 AM

Only for UK !

:'(

Dennis a écrit :

>

>

> Ya know, why did you not offer these here FIRST before putting them on

> EBay?

> Might have gotten more sales/interest!

>

> Dennis - N8BMB

>

> -----Original Message-----

> From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>

> [mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On

> Behalf Of Paul

> Dumpleton

> Sent: Friday, February 05, 2010 8:01 AM

> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>

> Subject: [FT897] Headets for FT857/897

>

> Hi,

>

> I have some headsets for sale on ebay, suitable for use with the FT857/897

> and others:

>

> http://cgi.ebay.

> <http://cgi.ebay. co.uk/ws/ eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageNam

> <http://cgi.ebay. co.uk/ws/ eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageNam>

> e=STRK:MESELX: IT>

> co.uk/ws/eBayISAPI. dll?ViewItem& item=28045793019 8&ssPageName= STRK:MESELX: IT

>

> Please note this is a UK auction only

>

> 73 Paul, M0XDX

>

> [Non-text portions of this message have been removed]

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29092. joining

Yahoo group: FT897 (2010)
Date: 2010-02-08 20:15:49 UTC
From: John Faughn
Topic: 29092 Message: 29092

I have been looking at the Chameleon V1 , but now see that there is going to be a V2 .
Looking to see if anyone knows about the V2 , to help decide which one I may want ?
Thanks John
kd0cac
73

[Non-text portions of this message have been removed]

29093. FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-08 22:32:25 UTC
From: John A
Topic: 29093 Message: 29093

I have had a problem with my FT897D shutting off when I try to tune my MFJ-969. When I get it tuned to less than 2.0:1 it causes the radio to shut off completely. I have an FT897D, a 120 foot long wire and an MFJ-969 Antenna Tuner. All ideas about this problem will be appreciated. John KJ4RIS

29094. Re: [FT897] 879D in 220MHz Band ?

Yahoo group: FT897 (2010)
Date: 2010-01-25 16:22:17 UTC
From: Danny Loyd
Topic: 28842 Message: 29094

FT 897 was never set up for 220 transmit that I have seen or heard.

Danny
KE5WDI

From: Dan Schaaf <dan-schaaf@att.net>
To: FT897@yahoogroups.com
Sent: Mon, January 18, 2010 3:46:06 PM
Subject: Re: [FT897] 879D in 220MHz Band ?

Paul

My 897D does not have 220 MHz and I am in the USA. Is there a mod?

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29095. Re: When running 897 with HRD can you disp lay both A/B freq.? [FT 897]

Yahoo group: FT897 (2010)
Date: 2010-01-28 20:03:41 UTC
From: Dan Schaaf
Topic: 29095 Message: 29095

This is a bummer because it would be the one reason that I would use HRD with my 897D.
The radio is a good candidate for being close to an SDR radio.
And the menus drive me crazy.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

29096. Re: cw with hand mic

Yahoo group: FT897 (2010)
Date: 2010-02-06 15:38:19 UTC
From: Dan Schaaf
Topic: 29073 Message: 29096

40, 80 and 160 are noisy bands.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

29097. RE: [FT897] FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 13:49:58 UTC
From: Donald Weissgerber
Topic: 29093 Message: 29097

John,

Try reducing your output power to the minimum necessary to tune your MFJ-969. Then, once you have the MFJ-969, try increasing the power and noting where things go haywhire. My radio will do the same thing (only on 15M) if I exceed 10W output. It is caused by stray RF in the shack, at least in my case.

Don N9GOD

Join the N9GOD team on the World Community Grid project at:

http:// www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=P5GMDB2DQ1

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John A
Sent: Monday, February 08, 2010 16.32
To: FT897@yahoogroups.com
Subject: [FT897] FT897D shuts during tuning

I have had a problem with my FT897D shutting off when I try to tune my MFJ-969. When I get it tuned to less than 2.0:1 it causes the radio to shut off completely. I have an FT897D, a 120 foot long wire and an MFJ-969 Antenna Tuner. All ideas about this problem will be appreciated. John KJ4RIS

[Non-text portions of this message have been removed]

29098. digital speeds above PSK31

Yahoo group: FT897 (2010)
Date: 2010-02-09 14:10:06 UTC
From: Ronald West
Topic: 29098 Message: 29098

MY FT-897 will not decode digital speeds above PSK63. That is for all modes. PSK63 and below work perfectly. I have changed the settings on menus 71,72, and 73 with no results. I use the Signal Link USB as my interface. All of the speeds will decode perfectly using my FT-7800R but that is just an FM 2M radio.

Any suggestions, the 897 is not a D model, it was manufactured in 2003.
Thank you,

Ron / WB3ILX

[Non-text portions of this message have been removed]

29099. Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 15:13:31 UTC
From: w3alr
Topic: 29093 Message: 29099

Apparently there is a lot of stray RF floating around your shack I recommend that you make a dipole antenna similar to the G5RV and a proper grounding system..

Good luck..
73,

Skip W3ALR

--- In FT897@yahoogroups.com, "John A" <johntadams01@...> wrote:
>
> I have had a problem with my FT897D shutting off when I try to tune my MFJ-969. When I get it tuned to less than 2.0:1 it causes the radio to shut off completely. I have an FT897D, a 120 foot long wire and an MFJ-969 Antenna Tuner. All ideas about this problem will be appreciated. John KJ4RIS
>

29100. Re: [FT897] Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 15:30:59 UTC
From: Trixter aka Bret McDanel
Topic: 29093 Message: 29100

On Tue, 2010-02-09 at 15:13 +0000, w3alr wrote:
>
> Apparently there is a lot of stray RF floating around your shack I
> recommend that you make a dipole antenna similar to the G5RV and a
> proper grounding system..
>

or it would be a power supply that does not output enough power. I have seen the radio shut off like that if the supply is inadequate for whatever reason. The fact that it shuts off at a 2:1 SWR tells me that the radio is kicking up the output power based on SWR and causing it, but that is just a guess.

The radio has a built in feature to lower output power automatically on a higher SWR, this feature may not be disabled in any reasonable way. As a result, when the power output increases so does the power draw from the supply.

My recommendation is to try to see if its rf in the shack or a power supply that does not output enough or something else entirely.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29101. Re: [FT897] FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 16:00:04 UTC
From: Charles Scott
Topic: 29093 Message: 29101

John:

As one other posting mentioned, it's possible that it's a power supply issue. It's easy to test if it's an equipment or RF issue if you have a dummy load you can put on the radio.

Your antenna configuration is exactly the kind that can cause RF in the shack. I assume the antenna tuner is in your shack and the antenna starts there. I also assume you have a ground line from your tuner to some kind of ground or counterpoise. With this setup, you are guaranteed to have significant RF fields in proximity to your equipment.

That doesn't mean you can't make things work. The first thing is to minimize RF being conducted from the tuner to the rest of your equipment on the outside of the coax and any power supply connection to the tuner (common mode). Since the antenna you're feeding is certainly unbalanced, you will have common mode currents. You try to minimize that in a variety of ways. One would be to have the tuner feed open-wire (balanced) line and run that out of the shack to some point where it feeds the long-wire and ground (counterpoise). Even with a balanced feed, you may end up with RF currents on the tuner case.

To keep RF from getting to the rest of your equipment you'll need "choke" the RF on the coax and power cables feeding the tuner and try to keep the tuner some distance (at least a couple feet) from other equipment. You'll also have to isolate your equipment ground from the ground you use as the counterpoise for the antenna. This will bring up all kinds of discussion regarding how to accomplish that, but the concept is to simply keep RF at the antenna and away from the equipment. If your tuner is connected to the long-wire and a ground, the ground is part of your antenna and WILL have RF on it, so you have to isolate your equipment from that for RF.

Also, being in close proximity to the antenna, all conductors in your shack will pick up RF. You may have to put chokes on everything going in and out of your radio equipment. This means, power, coax, computer interface, speaker lines, and perhaps even the mic cable.

Tell us more about how you have the antenna and ground (counterpoise) run and how all the equipment is located.

Chuck - N8DXN

On 2/8/2010 5:32 PM, John A wrote:
> I have had a problem with my FT897D shutting off when I try to tune my MFJ-969. When I get it tuned to less than 2.0:1 it causes the radio to shut off completely. I have an FT897D, a 120 foot long wire and an MFJ-969 Antenna Tuner. All ideas about this problem

will be appreciated. John KJ4RIS
>
>
>

29102. Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 21:17:24 UTC
From: oldmayorkd5lbe
Topic: 29093 Message: 29102

From KD5LBE This radio runs on batteries so power shouldn't be a problem, the radio just reduces its output power. I assume that you have checked the voltage and you are getting around 13 volts. I also assume that you have grounded the radio and the antenna separately. I apologize for this but there are two antenna connections on the back and you did look and me sure you are connected to the right ones. I say this because I have to look and see that I am on the right one for the right antenna. Most everyone else has done this from time to time. 73s

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Tue, 2010-02-09 at 15:13 +0000, w3alr wrote:
> >
> > Apparently there is a lot of stray RF floating around your shackÂ I
> > recommend that you make a dipole antenna similar to the G5RV and a
> > proper grounding system..
> >
>
> or it would be a power supply that does not output enough power. I have
> seen the radio shut off like that if the supply is inadequate for
> whatever reason. The fact that it shuts off at a 2:1 SWR tells me that
> the radio is kicking up the output power based on SWR and causing it,
> but that is just a guess.
>
> The radio has a built in feature to lower output power automatically on
> a higher SWR, this feature may not be disabled in any reasonable way.
> As a result, when the power output increases so does the power draw from
> the supply.
>
> My recommendation is to try to see if its rf in the shack or a power
> supply that does not output enough or something else entirely.
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

29103. Re: [FT897] Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-10 06:12:58 UTC
From: Damien Gardner Jnr
Topic: 29093 Message: 29103

On 10/02/2010, at 8:17 AM, oldmayorkd5lbe wrote:

> From KD5LBE This radio runs on batteries so power shouldn't be a
> problem, the radio just reduces its output power. I assume that you
> have checked the voltage and you are getting around 13 volts. I
> also assume that you have grounded the radio and the antenna
> separately. I apologize for this but there are two antenna
> connections on the back and you did look and me sure you are
> connected to the right ones. I say this because I have to look and
> see that I am on the right one for the right antenna. Most everyone
> else has done this from time to time. 73s

grin How do you confuse an SO-239 for an N connector? It's a bit hard to plug into the wrong socket :)

Or does the US version use two SO-239's??

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

29104. Re: [FT897] Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-10 06:17:46 UTC
From: Trixter aka Bret McDanel
Topic: 29093 Message: 29104

On Wed, 2010-02-10 at 17:12 +1100, Damien Gardner Jnr wrote:
>
> Or does the US version use two SO-239's??

US they are the same

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29105. Re: [FT897] Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-10 15:09:44 UTC
From: Charles Scott
Topic: 29093 Message: 29105

Damien:

Yep, the US version does have two SO-239s.

You do know, though, that the shield threads are the same between a PL-259 and an N male. While it's hard to plug an N male into an SO-239, you can plug a PL-259 into an N female connector. If you're successful, it will spread the center connection on the socket and ruin the connector. I've seen a radio or two where this has happened and had to repair one. (Nope, I wasn't the one who did it.)

Chuck - N8DNX

On 2/10/2010 1:12 AM, Damien Gardner Jnr wrote:
> *grin* How do you confuse an SO-239 for an N connector? It's a bit
> hard to plug into the wrong socket :)
>
> Or does the US version use two SO-239's??
>
> Cheers,
>
> DG
>
> Damien Gardner Jnr
>

29106. Re: [FT897] Re: FT897D shuts during tuning

Yahoo group: FT897 (2010)
Date: 2010-02-10 17:58:51 UTC
From: Edward Maikranz
Topic: 29093 Message: 29106

The US version has 2 SO-239's.
Ed

On Wed, Feb 10, 2010 at 12:12 AM, Damien Gardner Jnr <rendrag@...>wrote:

>
>
>
> On 10/02/2010, at 8:17 AM, oldmayorkd5lbe wrote:
>
> > From KD5LBE This radio runs on batteries so power shouldn't be a
> > problem, the radio just reduces its output power. I assume that you
> > have checked the voltage and you are getting around 13 volts. I
> > also assume that you have grounded the radio and the antenna
> > separately. I apologize for this but there are two antenna
> > connections on the back and you did look and me sure you are
> > connected to the right ones. I say this because I have to look and
> > see that I am on the right one for the right antenna. Most everyone
> > else has done this from time to time. 73s
>
> *grin* How do you confuse an SO-239 for an N connector? It's a bit
> hard to plug into the wrong socket :)
>
> Or does the US version use two SO-239's??
>
> Cheers,
>
> DG
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... <rendrag%40rendrag.net> - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29107. Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 04:52:13 UTC
From: ZephyrNYC
Topic: 29107 Message: 29107

Greetings,

Which tuner do you use with your 857 or 897 (D model or original)?
Aside from a tuner's ability to clamp onto the 897, why did you choose
that particular tuner?

Do you use the SGC SG-237? If so, how durable is it? Have you ever
had any problems with it? Thanks.

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

29108. Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 05:06:14 UTC
From: Christopher Patton
Topic: 29107 Message: 29108

I have been doing A LOT of research . And I like the YT-100 for the FT-857d . and that□s what I am going to get I have talked to many a ham who did not like the tuner for the FT-897d that bolts onto the side. There was concern about it not automatically dropping the transmit wattage. Personally I bought the 857 instead of the 897 because it was smaller and would be easier to mount with a tuner. Right now I am using a Chameleon Antenna that doesn□t need a tuner. But the YT-100 is next on my list

Chris

W3CUM

...But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism,

it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security....

US Declaration of Independence

[Non-text portions of this message have been removed]

29109. Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 11:59:53 UTC
From: K1ALL
Topic: 29107 Message: 29109

I have used the LDG YT-100 for nearly a year and highly recommend it. It doesn't bolt onto the side of the radio, but is compact, light, and flexible. It tunes a wide range of bands (I use a G5RG-lite)quickly and remembers old settings. It automatically switches the radio to low power and AM and returns it to its former state after tuning. It's external coax connection could be more robust, but I haven't had a problem so far.

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?
> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
>
> 73,
> Frank
>
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

29110. Which Tuner

Yahoo group: FT897 (2010)
Date: 2010-02-11 12:39:19 UTC
From: Keith Carpenter
Topic: 29110 Message: 29110

All of my experiences with LDG have been very good. I run the Z100 with my Icom 706 and Yaesu Ft-857D. When I bought the FT-897D I ordered the LDG AT-200 Pro with it, and I haven't had any issues. The LDG tuners will tune anything I have tried so far, and I run them on MARS frequencies that are a fair stretch from "resonant". Of course I use either a 1:1 or 4:1 balun on wire antennas, and I am using hamstick whips that are at least in the same band.

I wish I could say the same for the internal tuners on the FT-950 and 450........ on my 5BTV vertical they might give an extra 50 Khz on 80 meters, where the LDG's will give at least 150 Khz.

It all comes down to what you are trying to tune. Stories I hear about the SGC would indicate you could tune a wet string with it.................. but a low SWR at the radio is never a good indication of how well you can "get out", or even hear.

73 de Keith WD0FIA / AFA7MU

[Non-text portions of this message have been removed]

29111. RE: [FT897] Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 12:49:39 UTC
From: Mike Ernst
Topic: 29107 Message: 29111

I use the LDG 897. I love it - I personally like the bolt on feature. It makes it far more convenient to take it with you if the need arises. And it will still work with a much wider initial mismatch than the Yaesu tuner.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ZephyrNYC
Sent: Wednesday, February 10, 2010 11:52 PM
To: zephyrnyc@...
Cc: ft-857d; ft-857@yahoogroups.com; ft897@yahoogroups.com; autotuners@yahoogroups.com; HamRadioHelpGroup@yahoogroups.com; hfpack@yahoogroups.com; Smartuners@yahoogroups.com
Subject: [FT897] Which tuner? SG-237?

Greetings,

Which tuner do you use with your 857 or 897 (D model or original)? Aside from a tuner's ability to clamp onto the 897, why did you choose that particular tuner?

Do you use the SGC SG-237? If so, how durable is it? Have you ever had any problems with it? Thanks.

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ <http://bit.ly/ceAY2a> ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/ <http://bit.ly/aYSO5I> aYSO5I

[Non-text portions of this message have been removed]

29112. Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 13:30:04 UTC
From: Hank
Topic: 29107 Message: 29112

I use the LDG AT-897 and I really love it. It is true that is doesn't automatically reduce power, but that is no big deal for me. When I jump bands, I drop power, push the tune button, and bring the power back up. I understand that the AT-897 Pro automatically reduces power.

I have a 19' dipole in my attic. So far the AT-897 has tuned 6, 10, 12, 15, 17, 20, 30, 40, 60, and 80 meters. Needless to say on 60 and 80 I didn't make a single contact, and I wasn't expecting to be able to as a tuner cannot overcome a short antenna. But it does go to show just how good of a tuner this unit is.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> I use the LDG 897. I love it - I personally like the bolt on feature. It
> makes it far more convenient to take it with you if the need arises. And it
> will still work with a much wider initial mismatch than the Yaesu tuner.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> -----
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ZephyrNYC
> Sent: Wednesday, February 10, 2010 11:52 PM
> To: zephyrnyc@...
> Cc: ft-857d; ft-857@yahoogroups.com; ft897@yahoogroups.com;
> autotuners@yahoogroups.com; HamRadioHelpGroup@yahoogroups.com;
> hfpack@yahoogroups.com; Smartuners@yahoogroups.com
> Subject: [FT897] Which tuner? SG-237?
>
>
>
>
>
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?

> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
> 73,
> Frank
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/
> <http://bit.ly/ceAY2a> ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/
> <http://bit.ly/aYSO5I> aYSO5I
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> [Non-text portions of this message have been removed]
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29113. Re: [FT897] Re: Yeasu repair turn around Time

Yahoo group: FT897 (2010)
Date: 2010-02-11 16:44:27 UTC
From: Edward Maikranz
Topic: 28738 Message: 29113

Any luck with the 897 yet?
Ed

On Tue, Jan 5, 2010 at 8:13 AM, Michael Noble <Michael_MSN@...> wrote:

>
> Hi Ed,
>
>
>
> Ill be happy to, however, if you dont hear back from me in a couple weeks
> please send me a reminder to jog my memory. Is yours a D model? I have done
> a lot of research and have not found anyone complaining of the same problem.
> Mine was about 90% deaf on VHF possibly UHF but HF was fine, if my ProII
> coould hear it on HF then the 897 could albiet not as pleasantly. Is yours
> the same, meaning not totally deaf but close. I also asked them to properly
> realign the radio as i have heard many complaining that the factory initial
> alignments were horrible. Its too bad the warranty has expired.
>
>
>
> Thanks,
>
> Mike
>
> W8GMC
>
> 73
>
>
>
>
>
> To: FT897@yahoogroups.com
> From: maikranze@...
> Date: Mon, 4 Jan 2010 20:02:36 +0000
> Subject: [FT897] Re: Yeasu repair turn around Time
>
>
>
>
>
>
> Mike,
> If you dont mind could you drop me a line when you get yours back and let
> me know what was wrong and what the repair bill was?

> Mine has the same problem.
> thanks,
> Ed
> KG5UN
> I sent this earlier but it went from my wife's account.
> If you dont mind please reply here.
> thanks,
> Ed
>
> --- In FT897@yahoogroups.com, "kc8fws" <Michael_MSN@...> wrote:
> >
> > Hi All,
> >
> > Great group here. I sent my 897D back to Yeasu last week for service (was
> deaf on 2 meters). Has anyone had thiers repaired somewhat recently, if so,
> if you dont mind my asking, what was thier turn around time?
> >
> > Thanks,
> > Mike
> > W8GMC
> >
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

29114. Re: [FT897] Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 21:36:30 UTC
From: Danny Loyd
Topic: 29107 Message: 29114

I also us the AT-897 on my radio and it tunes my G5RV on every band except 160. The AT-897 I personally believe would tune a wet noodle to acceptable SWR range. I have made good contacts on every band except 10 meters mainly because I haven't found anyone on that band lately. I also like the fact that it bolts to the side of the radio and takes up very little room in my very limited shack space.

Danny
KE5WDI

From: Hank <hank@...>
To: FT897@yahoogroups..com
Sent: Thu, February 11, 2010 7:30:04 AM
Subject: [FT897] Re: Which tuner? SG-237?

I use the LDG AT-897 and I really love it. It is true that is doesn't automatically reduce power, but that is no big deal for me. When I jump bands, I drop power, push the tune button, and bring the power back up. I understand that the AT-897 Pro automatically reduces power.

I have a 19' dipole in my attic. So far the AT-897 has tuned 6, 10, 12, 15, 17, 20, 30, 40, 60, and 80 meters. Needless to say on 60 and 80 I didn't make a single contact, and I wasn't expecting to be able to as a tuner cannot overcome a short antenna. But it does go to show just how good of a tuner this unit is.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups. com, "Mike Ernst" <ae8u@...> wrote:
>
> I use the LDG 897. I love it - I personally like the bolt on feature. It
> makes it far more convenient to take it with you if the need arises. And it
> will still work with a much wider initial mismatch than the Yaesu tuner.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> -----
>
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
> ZephyrNYC

> Sent: Wednesday, February 10, 2010 11:52 PM
> To: zephyrnyc@... .
> Cc: ft-857d; ft-857@yahoogroups. com; ft897@yahoogroups. com;
> autotuners@yahoogro ups.com; HamRadioHelpGroup@ yahoogroups. com;
> hfpack@yahoogroups. com; Smartuners@yahoogro ups.com
> Subject: [FT897] Which tuner? SG-237?
>
>
>
>
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?
> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
> 73,
> Frank
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/
> <http://bit.ly/ceAY2a> ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/
> <http://bit.ly/aYSO5I> aYSO5I
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

29115. Re: [FT897] Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 21:52:45 UTC
From: Jim N7TCF
Topic: 29107 Message: 29115

I've used the SGC 237 for a couple years now. It has a wide matching range and is somewhat weather-proof. The 237 is pretty rugged, but read the specs carefully. 100 watts CW assumes a SSB like duty-cycle. Much like the 897 itself, it will hold up to 100 watts brick on the key for short periods.

I think an outboard unit is more versatile, and has a wider match range than most bolt-ons. It really is designed for unbalanced end-fed or vertical antennas. Open-wire can be attached without much difficulty. Power consumption is low and the processor is radio-quiet. I've used my 237 in my truck and remotely mounted at home.

I have had no trouble with my 237. It has limits, it won't match my mobile 8 foot whip on 75m. It sometimes can't find a match for my random long wire on 15m. Every installation will be different.

You can damage it with some effort, like excess power or static discharge from large antennas. The design assumes your solid-state rig will fold back during the matching phase, keeping voltages within limits. Misadjusted SWR protection is another way to damage the tuner. The transmitter will produce very high voltage and possible arcs during the match. Not too good for your rig either.

Jim N7TCF

ZephyrNYC wrote:
>
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?
> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
> 73,
> Frank
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
> <http://bit.ly/ceAY2a>
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
> <http://bit.ly/aYSO5I>
>

>

29116. Helpful Ham

Yahoo group: FT897 (2010)
Date: 2010-02-11 22:08:55 UTC
From: John A
Topic: 29116 Message: 29116

I have to say that Dennis (N8BMB) was a great help to me. I had SWR problems and more. Dennis came over and fixed my problems right away. He had my 897D purring like a kitten in no time.

29117. Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-11 23:50:46 UTC
From: bill959uk
Topic: 29107 Message: 29117

Hi Frank,
I have had the SGC 239 remote tuner for about a year. It is mounted in the shed where I keep my old motorcycles. The 40m rectangular loop is connected to it at one corner, then the feed to the rig by approx 15m of coax. It tunes the loop to better than 1.3 to 1 on all bands, including 160m and 6m. It works a breeze, and I recommend it. My friend also bought one on my recommendation to feed a multi band open wire feed doublet. He is well pleased with it too. A tuner at the antenna is nearly always going to give better results than one in the shack, as high swr may well be present on the feeder from the aerial to tuner. In the remote tuner system, the coax is matched.
To remote tune the antenna is easy. Knock up a lead with a 3.5mm plug and push switch, connected to the ACC socket, the correct connections are in the manual. Just push the switch to enable transmit of a carrier and the tuner does its work, in my case usually in a couple of seconds.
Cheers, Bill, G6BCC

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?
> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
>
> 73,
> Frank
>
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

29118. Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-12 04:20:40 UTC
From: Steve Yates
Topic: 29107 Message: 29118

Frank,

I've used the SGC SG-237 for about ten years now with no problems. I agree with Jim's comments. I use it with 3 W to 100 W from 160 m to 6 m with an inverted-L antenna 20 m long. I just have to protect it from the Texas hail and sun with an up side down plastic trash can from Walmart.

73,
Steve - AA5TB

29119. Re: Which Tuner

Yahoo group: FT897 (2010)
Date: 2010-02-12 13:04:02 UTC
From: bigiantrike
Topic: 29110 Message: 29119

I Have the LDG AT897 and the MFJ-993B and have run them side by side now for over a year. The one that comes out on top with better performance and less susceptible to RF in the shack is defiantly the MFJ.. The only thing the LDG is better at is the relay sound level being quieter and it will tune 50 mhz...but that is no great deal as most 50mhz antennas are tuned properly any way...

The MFJ is now used all the time as the main ATU in the shack and the LDG is relegated for use in the Camper / RV along with my FT-857.

Hope this helps with your quest for the best ATU

Ian M0IAF

--- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@...> wrote:
>
> All of my experiences with LDG have been very good. I run the Z100 with my Icom 706 and Yaesu Ft-857D. When I bought the FT-897D I ordered the LDG AT-200 Pro with it, and I haven't had any issues. The LDG tuners will tune anything I have tried so far, and I run them on MARS frequencies that are a fair stretch from "resonant". Of course I use either a 1:1 or 4:1 balun on wire antennas, and I am using hamstick whips that are at least in the same band.
>
> I wish I could say the same for the internal tuners on the FT-950 and 450........ on my 5BTV vertical they might give an extra 50 Khz on 80 meters, where the LDG's will give at least 150 Khz.
>
> It all comes down to what you are trying to tune. Stories I hear about the SGC would indicate you could tune a wet string with it..... but a low SWR at the radio is never a good indication of how well you can "get out", or even hear.
>
> 73 de Keith WD0FIA / AFA7MU
>
>
>
>
> [Non-text portions of this message have been removed]
>

29120. Re: Which Tuner

Yahoo group: FT897 (2010)
Date: 2010-02-12 22:33:32 UTC
From: Spyke ---- KF5BBH
Topic: 29110 Message: 29120

My 6 month old LDG AT 897 just quit on me. I have no output unless I go to bypass mode now. Don't understand what happened.I haven't used it in a few months. Went to check it on 6 meters which my antenna is a 1:5 and noticed on my extenal watt/SWR meter there was no output wattage. I put it in bypass and then had wattage and good SWRs. Guess I'll have to wait tilll I get money to send it off. I never had problems before that.

--- In FT897@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
>
>
>
> I Have the LDG AT897 and the MFJ-993B and have run them side by side now for over a year. The one that comes out on top with better performance and less susceptible to RF in the shack is defiantly the MFJ.. The only thing the LDG is better at is the relay sound level being quieter and it will tune 50 mhz...but that is no great deal as most 50mhz antennas are tuned properly any way...
>
> The MFJ is now used all the time as the main ATU in the shack and the LDG is relegated for use in the Camper / RV along with my FT-857.
>
> Hope this helps with your quest for the best ATU
>
> Ian M0IAF
>
> --- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@> wrote:
> >
> > All of my experiences with LDG have been very good. I run the Z100 with my Icom 706 and Yaesu Ft-857D. When I bought the FT-897D I ordered the LDG AT-200 Pro with it, and I haven't had any issues. The LDG tuners will tune anything I have tried so far, and I run them on MARS frequencies that are a fair stretch from "resonant". Of course I use either a 1:1 or 4:1 balun on wire antennas, and I am using hamstick whips that are at least in the same band.
> >
> > I wish I could say the same for the internal tuners on the FT-950 and 450........ on my 5BTV vertical they might give an extra 50 Khz on 80 meters, where the LDG's will give at least 150 Khz.
> >
> > It all comes down to what you are trying to tune. Stories I hear about the SGC would indicate you could tune a wet string with it..... but a low SWR at the radio is never a good indication of how well you can "get out", or even hear.
> >
> > 73 de Keith WD0FIA / AFA7MU
> >
> >
> >

> >
> > [Non-text portions of this message have been removed]
> >
>

29121. Re:+FT897D+shuts+during+tuning

Yahoo group: FT897 (2010)
Date: 2010-02-09 15:23:33 UTC
From: John Faughn
Topic: 29121 Message: 29121

From what I understand , there are a few names for this , reflected power , folding back .
You say you have a 120' wire , that implies an end-fed antenna , it common for end-fed antennas to have RF coming back to the shack if you do not handle the RF ground , counter-poise , taken care of .
I would suggest on of the 1st tools a Ham gets or makes , is a field-strength meter , to check for RF near where your operating .
When you do find this happening , correct selection of a balun , choke is needed .
John
kd0cac

29122. Re: Which tuner? SG-237?

Yahoo group: FT897 (2010)
Date: 2010-02-12 07:52:03 UTC
From: jsavitsky
Topic: 29107 Message: 29122

Frank,

I'm using a SG-239 with my FT-897D for 2 years now.
I've bought a suitable plastic electric wiring distribution box
for it for better protection as manual states. The operation is
quite good for such a cheap tuner. The remote tuner is matching
your antenna to your 50 Ohm coax instead of table-top tuners,
which match a complex system of antenna+coax which may reduce
overall efficiency. I'll buy a SG-237 for portable use.
I think it's similar to SG-239.

These SGC tuners have some drawbacks too:

1) Overjumping the best match. Sometimes when you clearly see
it matched nearly 1:1 it jump over to 1:1.3
2) Random retune while in transmit. (Use Smartlock device.)
3) Has no 100 Ohm load attached at the input while tuning (like
in military or marine tuners) which lead to ALC spikes.

73, John

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Greetings,
>
> Which tuner do you use with your 857 or 897 (D model or original)?
> Aside from a tuner's ability to clamp onto the 897, why did you choose
> that particular tuner?
>
> Do you use the SGC SG-237? If so, how durable is it? Have you ever
> had any problems with it? Thanks.
>
>
> 73,
> Frank

29123. Charging via solar power

Yahoo group: FT897 (2010)
Date: 2010-02-09 05:54:26 UTC
From: larryhornerjr
Topic: 29123 Message: 29123

Hello Group, I am a new member and new to the FT-897D as well. I am looking to use the rig for portable operations. Being a newbie I would like to get feedback regarding how long the batteries last. Also is there a turnkey solar panel system on the market that would be compatible with charging the internal batteries. If not can someone recommend the individual components within the system? Thanks,

Larry ☐ K6WXZ

29124. Re:+[FT897]+879D+in+220MHz+Band+?

Yahoo group: FT897 (2010)
Date: 2010-02-09 15:16:29 UTC
From: John Faughn
Topic: 29124 Message: 29124

The only mod for 220 , is get a transverter .
I am looking at a Ten=Tec 1209 for 220 .
John
kd0cac

29125. Re: Which Tuner

Yahoo group: FT897 (2010)
Date: 2010-02-11 17:21:52 UTC
From: ac8mj
Topic: 29110 Message: 29125

I use an AT-897 on my FT897D and love it. It tunes whatever I throw at it and is as portable as the rest of the radio. However, in my mobile, I use a sg-237 to feed a 108" whip. The mobile radio is an IC7000. (sorry- the 897 just doesn't cut it as a mobile, I tried) The tuner is bolted to the back door. I drilled through the door to run the feedline to the whip. The only issue I had was finding wire that wouldn't arc and short out. Third time was a charm. No issues since. The 9' whip tunes 6M-80M. I can park, open the back door and swap the whip feedline for an insulated wire, toss the other end into tree and work 160M as well. For the mobile it is great. Just pick a frequency and start talking. The 237 tunes. No fuss, no distractions from the road or trail.

Michael -AC8MJ

--- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@...> wrote:
>
> All of my experiences with LDG have been very good. I run the Z100 with my Icom 706 and Yaesu Ft-857D. When I bought the FT-897D I ordered the LDG AT-200 Pro with it, and I haven't had any issues. The LDG tuners will tune anything I have tried so far, and I run them on MARS frequencies that are a fair stretch from "resonant". Of course I use either a 1:1 or 4:1 balun on wire antennas, and I am using hamstick whips that are at least in the same band.
>
> I wish I could say the same for the internal tuners on the FT-950 and 450........ on my 5BTV vertical they might give an extra 50 Khz on 80 meters, where the LDG's will give at least 150 Khz.
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> It all comes down to what you are trying to tune. Stories I hear about the SGC would indicate you could tune a wet string with it..... but a low SWR at the radio is never a good indication of how well you can "get out", or even hear.
>
> 73 de Keith WD0FIA / AFA7MU
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29126. Charging

Yahoo group: FT897 (2010)
Date: 2010-02-13 12:05:00 UTC
From: josedouglas@yahoo.com
Topic: 29126 Message: 29126

Hi all!

We don't have the internal batteries in our rig.
What we do for emergency power is connect the radio to a deep cycle marine battery.
The battery is charged with three 15watt solar panels (total of 45watts) coupled to a 7amp charge controller.
Solar kit was $200 at e-pay and included a (cheap) 400 watt inverter.
We only use the Solar Panels when we have no power, rest of the time we trickle charge our batteries with a Craftsman car battery charger.
I haven't had to use the Yaesu on emergency power yet, but I have run a 2metre Kenwood we have for more than 6 hours
running APRS with negligible battery discharge, voltage holding at 12.42 volts.

The amount of time you get out of a battery obviously depends on how much transmit as opposed to receive.

Hope that helps.

73s,

Jose Douglas
Bristol, ME
KB1TCD

29127. RE: [FT897] Re:+FT897D+shuts+during+tuning

Yahoo group: FT897 (2010)
Date: 2010-02-13 14:05:23 UTC
From: Dennis
Topic: 29121 Message: 29127

I believe he said the problem was fixed.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Faughn
Sent: Tuesday, February 09, 2010 9:24 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re:+FT897D+shuts+during+tuning

From what I understand , there are a few names for this , reflected power , folding back .
You say you have a 120' wire , that implies an end-fed antenna , it common for end-fed antennas to have RF coming back to the shack if you do not handle the RF ground , counter-poise , taken care of .
I would suggest on of the 1st tools a Ham gets or makes , is a field-strength meter , to check for RF near where your operating .
When you do find this happening , correct selection of a balun , choke is needed .
John
kd0cac

[Non-text portions of this message have been removed]

29128. Charging+via+solar+power

Yahoo group: FT897 (2010)
Date: 2010-02-13 14:52:51 UTC
From: John Faughn
Topic: 29128 Message: 29128

I have an 897D , but only use as a base for now , when $$ allows , I plan on buying most of the accessories [but mostly will be 3rd party , w4rt web site] .
And I am very familiar with solar .
I have not seen a turn key solar charger meant for the Yaesu , a few issues would be , that the batteries system as all parties sell them are set up for a detected AC charger .
With solar , you need a charge controller , then you need a charge controller for each type of battery , some charge controllers are programable for many types of batteries .
So having all the details of each component , an especially the battery being used , then charging & discharging as manufacture recommends , to get maximum life out of the battery .
You will want to shop for the components with what the charge requirements of the batteries are , volts 13.8 - 16 , I do not remember the mili-amps - a charger controller & panel that will provide that .
With the batteries being over $100 each , it is important do do correctly .
John
kd0cac

29129. Re: [FT897] Charging+via+solar+power

Yahoo group: FT897 (2010)
Date: 2010-02-13 15:04:38 UTC
From: Trixter aka Bret McDanel
Topic: 29128 Message: 29129

On Sat, 2010-02-13 at 08:52 -0600, John Faughn wrote:
>
> I have an 897D , but only use as a base for now , when $$ allows , I
> plan on buying most of the accessories [but mostly will be 3rd
> party , w4rt web site] .
> And I am very familiar with solar .
> I have not seen a turn key solar charger meant for the Yaesu , a few
> issues would be , that the batteries system as all parties sell them
> are set up for a detected AC charger .

The w4rt OFC takes DC, it comes with a transformer to convert AC to DC
but it has some intent to be connected to solar. Their website even
talks about that.

The biggest issue I have seen is that they want 26v from the solar
array, which is a bit odd given the way most panels are configured when
you purchase them. They do include an extra connector to make it easier
to connect to your solar array.

What I had considered doing was making a more generic output, for
example a lm7805 and a usb adapter, a lm7812 and a cigarette lighter
adapter, etc. That way the solar system is more generic and capable of
charging a variety of items.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29130. Re: Charging+via+solar+power

Yahoo group: FT897 (2010)
Date: 2010-02-13 16:43:18 UTC
From: kc9ipv
Topic: 29128 Message: 29130

I have an 897D with the yaesu batteries and charger. The Yaesu charger is a DC charger with 2 input connectors a 12v and 24v. The 12v uses the power cord for the radio(6 pin) and the 24v uses a wall wart type connector. I don't have it in front of me but I think it requires 1.2amps for 24v and 2.3amps for 12 volt. You should be able to connect a 30 watt or larger panel to this charger. That said, if you plan on using the other battery while charging the other, you will need to make some changes to the charger. I found that 17meters was pretty useless while using the charger and 20 meters was pretty bad too. I added some caps to the charger output and put a couple of ferrite beads on the cord and this cleaned up the issues I was having.

In the end I just gave up on the internal batteries and just use SLA's now as I could never get much life from the internal batteries and they self discharge pretty fast if your not using them often.

mike kc9ipv

--- In FT897@yahoogroups.com, John Faughn <john.faughn@...> wrote:
>
> I have an 897D , but only use as a base for now , when $$ allows , I plan on buying most of the accessories [but mostly will be 3rd party , w4rt web site] .
> And I am very familiar with solar .
> I have not seen a turn key solar charger meant for the Yaesu , a few issues would be , that the batteries system as all parties sell them are set up for a detected AC charger .
> With solar , you need a charge controller , then you need a charge controller for each type of battery , some charge controllers are programable for many types of batteries .
> So having all the details of each component , an especially the battery being used , then charging & discharging as manufacture recommends , to get maximum life out of the battery .
> You will want to shop for the components with what the charge requirements of the batteries are , volts 13.8 - 16 , I do not remember the mili-amps - a charger controller & panel that will provide that .
> With the batteries being over $100 each , it is important do do correctly .
> John
> kd0cac
>

29131. Programing

Yahoo group: FT897 (2010)
Date: 2010-02-14 05:55:49 UTC
From: larryhornerjr
Topic: 29131 Message: 29131

Hello group, it appears I am having difficulty entering in my local repeater frequencies. When I press the A button to get the ☐ offset nothing happens. Frustrating. Can anyone help? Is there any software to program the Rig from the computer? Thanks,

Larry ☐ K6WXZ

29132. RE: [FT897] Programing

Yahoo group: FT897 (2010)
Date: 2010-02-14 06:05:59 UTC
From: Christopher Patton
Topic: 29131 Message: 29132

Check out RT Systems They have the best cables and programming software

Chris

W3CUM

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of larryhornerjr
Sent: Sunday, February 14, 2010 12:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Programing

Hello group, it appears I am having difficulty entering in my local repeater frequencies. When I press the A button to get the ☐ offset nothing happens. Frustrating. Can anyone help? Is there any software to program the Rig from the computer? Thanks,

Larry ☐ K6WXZ

[Non-text portions of this message have been removed]

29133. Mic Levels

Yahoo group: FT897 (2010)
Date: 2010-02-14 14:11:28 UTC
From: w4yn
Topic: 29133 Message: 29133

I only use mine occasionally camping and JOTA with the scouts. It is an early non D model. I use it with hand mic and the model 100 desk mic. I was using it this weekend and the power seemed to down and I checked and the alc was not even moving and the modulation seemed to be down. I cranked the mic gain to 100 and the alc is barley moving.
I seem to remember that my SSB setting for both Mic's was less that or around 50. What are others running there mic gain at for the hand mic ot 100 desk mic?
I looked at the schematic and have located the mic preamp transistor and attempt to find it on circuit board later today. I suspect that it is not working properly.
Tim W4YN

29134. Meter

Yahoo group: FT897 (2010)
Date: 2010-02-14 13:59:34 UTC
From: nsdienes
Topic: 6351 Message: 29134

Set up my 897D in motorhome last week. For some reason xmit meter stuck on PWR. I like to use SWR. Usd menu mode 081 to change a number of times, no luck. Also tried a hard reboot, same results. Any help out there?

Nick
K0VYY

29135. Re: Programing

Yahoo group: FT897 (2010)
Date: 2010-02-14 15:01:51 UTC
From: bragucci
Topic: 29131 Message: 29135

This brings up a question: Does RT Systems software allow me to control the radio via computer like HRD? Or is RT just for programming? I want software that will let me program via PC AND let me control the radio via PC as well. Which will let me do both with one program, HRD or RT Sys
THX
Bart

--- In FT897@yahoogroups.com, "Christopher Patton" <christopher@...> wrote:
>
> Check out RT Systems They have the best cables and programming software
>
>
>
> Chris
>
> W3CUM
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of larryhornerjr
> Sent: Sunday, February 14, 2010 12:56 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Programing
>
>
>
>
>
> Hello group, it appears I am having difficulty entering in my local repeater frequencies. When I press the A button to get the ☐ offset nothing happens. Frustrating. Can anyone help? Is there any software to program the Rig from the computer? Thanks,
>
> Larry ☐ K6WXZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29136. Re: [FT897] Meter

Yahoo group: FT897 (2010)
Date: 2010-02-14 15:09:17 UTC
From: K9ZTV
Topic: 6351 Message: 29136

Go to Multi-function Row "i" and toggle MTR to get the display you wish.

73,

Kent K9ZTV

On 2/14/2010 7:59 AM, nsdienes wrote:
>
> Set up my 897D in motorhome last week. For some reason xmit meter
> stuck on PWR. I like to use SWR. Usd menu mode 081 to change a number
> of times, no luck. Also tried a hard reboot, same results. Any help
> out there?
>
> Nick
> K0VYY
>
>

[Non-text portions of this message have been removed]

29137. Re: [FT897] Re: Programing

Yahoo group: FT897 (2010)
Date: 2010-02-14 15:20:42 UTC
From: Finnigann
Topic: 29131 Message: 29137

On Sun, 14 Feb 2010 10:01:51 -0500, bragucci <bragucci@...> wrote:

>
> This brings up a question: Does RT Systems software allow me to control
> the radio via computer like HRD? Or is RT just for programming? I want
> software that will let me program via PC AND let me control the radio
> via PC as well. Which will let me do both with one program, HRD or RT Sys
> THX

The RT system software is like a spreadsheet. You enter or change values as needed. HRD lets you change those values on the fly and they are saved. The beauty of RTS is that you can set up your radio for a base station and then save those values and then set it up as a mobile station (power levels repeaters etc) to load when you want to use it that way. Of course you'll always need a computer either way.

Maybe someday the radios will have a USB port and will be able to read such files from a flash drive. (You heard it first!)

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29138. Re: [FT897] Re: Programing

Yahoo group: FT897 (2010)
Date: 2010-02-14 17:03:36 UTC
From: Trixter aka Bret McDanel
Topic: 29131 Message: 29138

On Sun, 2010-02-14 at 15:01 +0000, bragucci wrote:
>
> This brings up a question: Does RT Systems software allow me to
> control the radio via computer like HRD? Or is RT just for
> programming? I want software that will let me program via PC AND let
> me control the radio via PC as well. Which will let me do both with
> one program, HRD or RT Sys
> THX
> Bart

RT only lets you program the radio.

For the adventurous you can write your own software. This would be able to do everything that you want it to, in the way that you want it to. I have a perl module that makes this a little easier, to do the memories you need to know where in memory to write, I have a partial memory map, which could use some help :)

Its all free if someone wants to write something I would appreciate hearing about it.

http://www.0xdecafbad.com/2009/08/yaesu-ft-8xx-cat-perl-module/
http://www.0xdecafbad.com/2009/08/ft-897-memory-map/

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29139. Re: [FT897] Mic Levels

Yahoo group: FT897 (2010)
Date: 2010-02-15 00:28:07 UTC
From: Paul Harris
Topic: 29133 Message: 29139

This is a stupid question I know but did you check menu #75 to see if the power is turned up. Paul KB2VEC

--- On Sun, 2/14/10, w4yn <w4yn@Arrl.net> wrote:

From: w4yn <w4yn@...>
Subject: [FT897] Mic Levels
To: FT897@yahoogroups.com
Date: Sunday, February 14, 2010, 9:11 AM

I only use mine occasionally camping and JOTA with the scouts. It is an early non D model. I use it with hand mic and the model 100 desk mic. I was using it this weekend and the power seemed to down and I checked and the alc was not even moving and the modulation seemed to be down. I cranked the mic gain to 100 and the alc is barley moving.

I seem to remember that my SSB setting for both Mic's was less that or around 50. What are others running there mic gain at for the hand mic ot 100 desk mic?

I looked at the schematic and have located the mic preamp transistor and attempt to find it on circuit board later today. I suspect that it is not working properly.

Tim W4YN

[Non-text portions of this message have been removed]

29140. $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-15 01:35:23 UTC
From: ZephyrNYC
Topic: 29140 Message: 29140

Greetings,

I know a lot of you in the group are very astute when it comes to radio prices. Is $640 including shipping a good price for a new in box 857D WITH separation kit? If not, which store(s) can beat it? From my googling, the best price for a new 857D that I've found is over $700.

Thanks, and I hope you're all having a happy and safe Valentine's Day, Chinese New Year, Presidents' Day, and new moon weekend :)

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

29141. Re: [FT897] $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-15 01:57:29 UTC
From: Keith Carpenter
Topic: 29140 Message: 29141

Put me down for 2 at that price!

Greetings,

I know a lot of you in the group are very astute when it comes to radio prices. Is $640 including shipping a good price for a new in box 857D WITH separation kit?

[Non-text portions of this message have been removed]

29142. Re: [FT897] $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-15 03:01:39 UTC
From: Damien Gardner Jnr
Topic: 29140 Message: 29142

Yeah ditto, even with the exchange rate, that's still about half retail!

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

On 15/02/2010, at 12:57 PM, Keith Carpenter wrote:

> Put me down for 2 at that price!
>
> Greetings,
>
> I know a lot of you in the group are very astute when it comes to
> radio prices. Is $640 including shipping a good price for a new in
> box 857D WITH separation kit?
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

29143. Re: Mic Levels

Yahoo group: FT897 (2010)
Date: 2010-02-15 12:01:49 UTC
From: w4yn
Topic: 29133 Message: 29143

Yes checked that first.
The first indication happened after I used a mic with a preamp built in so I believe some how I damaged the internal mic preamp in the 897.
Tim

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> This is a stupid question I know but did you check menu #75 to see if the power is turned up. Â Paul KB2VEC
>
> --- On Sun, 2/14/10, w4yn <w4yn@...> wrote:
>
> From: w4yn <w4yn@...>
> Subject: [FT897] Mic Levels
> To: FT897@yahoogroups.com
> Date: Sunday, February 14, 2010, 9:11 AM
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> I only use mine occasionally camping and JOTA with the scouts. It is an early non D model. I use it with hand mic and the model 100 desk mic. I was using it this weekend and the power seemed to down and I checked and the alc was not even moving and the modulation

seemed to be down. I cranked the mic gain to 100 and the alc is barley moving.
>
> I seem to remember that my SSB setting for both Mic's was less that or around 50. What are others running there mic gain at for the hand mic ot 100 desk mic?
>
> I looked at the schematic and have located the mic preamp transistor and attempt to find it on circuit board later today. I suspect that it is not working properly.
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> Tim W4YN
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> [Non-text portions of this message have been removed]
>

29144. Re: $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-16 05:43:26 UTC
From: ZephyrNYC
Topic: 29140 Message: 29144

Please read my original post before you reply. Some of you did not
read it before you replied:

1. The $640 INCLUDES shipping.

2. This radio is NOT used. It is NIB = New In Box. The owner stated he
never opened the box because he won it at a raffle and already owns an
857D.

Unfortunately, the owner only has one of these deals for sale and I
already bought it. FYI, I found this deal on eHam's classified ads.
I'm sure more similar deals will pop up from time to time.
Keep your eyes peeled. I also saw 857Ds for sale very recently on
QRZ and craigslist.

ALSO, before I bought this one, I had been watching 2 used 857Ds on
ebay. Bidding for the first one will end on the 16th. Good luck!

I sincerely thank all of you for your speedy replies. Next on my
shopping list: auto tuner.

73,
Frank

On 2010-02-14, ZephyrNYC <zephyrnyc@...> wrote:
> Greetings,
>
> I know a lot of you in the group are very astute when it comes to
> radio prices. Is $640 including shipping a good price for a new in
> box 857D WITH separation kit? If not, which store(s) can beat it?
> From my googling, the best price for a new 857D that I've found is
> over $700.
>
> Thanks, and I hope you're all having a happy and safe Valentine's Day,
> Chinese New Year, Presidents' Day, and new moon weekend :)
>
>
> 73,
> Frank
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

29145. Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-16 09:23:41 UTC
From: on7cl_rudi
Topic: 29145 Message: 29145

Hello FM,

The minimum power you can get on a FT897D is 5w if I'm not mistaken.

I need to set my FT897D to +- 2.5 watt to drive my HF amplifer.

Anyone knows how to do it and what settings I need ? (Probably it has something to do with the hidden menu.

All info is welcome.

Best 73 - Rudi - ON7Cl / KB8TAB.

29146. Re: [FT897] 2.5 watt drive-HF amp?

Yahoo group: FT897 (2010)
Date: 2010-02-16 12:57:16 UTC
From: kc3vo@aol.com
Topic: 29146 Message: 29146

If your amp only requires 2.5 watts HF drive, I wonder if it is really an amplifier that is LEGAL for HF HAM use? If it is solid-state, does it have at least SIX separate bandpass/harmonic filters, and how are they switched? (What you described leads me to believe you might have a cheap "CB radio/27 mhz" type device, which is generally designed with ONE purpose in mind, HIGH OUTPUT POWER, without regard to harmonic or spurious radiation on other frequencies!) Such amplifiers can "Sound Good" on the band they are operating on, but they simultaneously will transmit/emit signals on many higher frequencies that are harmonically related, possibly causing unintended interference on those frequencies, some of which are used for AIRCRAFT, broadcast, other ham bands, and public service communications. Such unfiltered devices should NOT be used on the ham bands ANYWHERE, and are ILLEGAL in the U.S.A.-Hopefully you are NOT using such junk, but all amateurs should be AWARE of this. An attenuator pad, having 3db or greater attenuation, can be installed into your amplifier, between its input relay and the amplifiers drive input terminals-this pad should be built with resistors rated at 2.5 watts or better, and will allow you to safely drive it with 5 watts. (A 10 db attenuator pad would permit using 25 watts) See a good ham technical book, such as the ARRL HANDBOOK, for the technical details if you are lacking the knowledge to build one.--73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

29147. Re: 2.5 watt drive-HF amp?

Yahoo group: FT897 (2010)
Date: 2010-02-16 14:51:08 UTC
From: oldmayorkd5lbe
Topic: 29146 Message: 29147

Good statement Bob, I might use part of that in my HAM news letter, that goes along with how do I remove the band limits on my transmitter. Don't. KD5LBE

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> If your amp only requires 2.5 watts HF drive, I wonder if it is really an
> amplifier that is LEGAL for HF HAM use? If it is solid-state, does it have
> at least SIX separate bandpass/harmonic filters, and how are they switched?
> (What you described leads me to believe you might have a cheap "CB
> radio/27 mhz" type device, which is generally designed with ONE purpose in mind,
> HIGH OUTPUT POWER, without regard to harmonic or spurious radiation on other
> frequencies!) Such amplifiers can "Sound Good" on the band they are
> operating on, but they simultaneously will transmit/emit signals on many higher
> frequencies that are harmonically related, possibly causing unintended
> interference on those frequencies, some of which are used for AIRCRAFT,
> broadcast, other ham bands, and public service communications. Such unfiltered
> devices should NOT be used on the ham bands ANYWHERE, and are ILLEGAL in the
> U.S.A.-Hopefully you are NOT using such junk, but all amateurs should be
> AWARE of this. An attenuator pad, having 3db or greater attenuation, can be
> installed into your amplifier, between its input relay and the amplifiers
> drive input terminals-this pad should be built with resistors rated at 2.5
> watts or better, and will allow you to safely drive it with 5 watts. (A 10 db
> attenuator pad would permit using 25 watts) See a good ham technical book,
> such as the ARRL HANDBOOK, for the technical details if you are lacking the
> knowledge to build one.--73, KC3VO, Bob Curry
>
>
> [Non-text portions of this message have been removed]
>

29148. Re: Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-16 18:20:11 UTC
From: W1AEX
Topic: 29145 Message: 29148

Rudi,

See message # 21368 for the procedure used to reduce the low power setting below 5 watts. This has been done by many to comply with QRP contest requirements and to drive transverters.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
>
> I need to set my FT897D to +- 2.5 watt to drive my HF amplifer.
>
>
> All info is welcome.
>
> Best 73 - Rudi - ON7Cl / KB8TAB.
>

29149. Re: Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-16 18:43:44 UTC
From: Geert Jan de Groot
Topic: 29145 Message: 29149

On 16 Feb 2010 10:05:00 -0000 FT897@yahoogroups.com wrote:
> The minimum power you can get on a FT897D is 5w if I'm not mistaken.
> I need to set my FT897D to +- 2.5 watt to drive my HF amplifer.
> Anyone knows how to do it and what settings I need ?
> (Probably it has something to do with the hidden menu.
> All info is welcome.

You cannot reduce the power, even to 5 watts. You will find that the
output spikes at much higher output before the ALC kicks in,
so you will overdrive your PA and possibly do damage to it.
I'd investigate an attenuator.

If your PA delivers 250W out, then it has 20dB power gain.
If it has an output of 1 kW, you'll have a gain of 26dB, which
is rather a lot for a single stage. Chances are the PA has multiple
stages, in that case I'd consider removing one stage in the PA,
it will need more input then and is probably a better match.

There is no "hidden menu", only a *service menu*, intended to adjust-out
spreads in component values. The ALC circuit isn't perfect (it never is,
so this isn't Yaesu's fault), and it was designed to be aligned
according to specs. The output range is not a user setting,
it is a design parameter. If you want to change it, you probably need
to change the ALC circuitry as well as you will need to change the
control loop - not simple.

Note that the driver stage (main board - red coax to the bottom PA board)
runs an output of, typically 2-8 Watts, depending on the gain of the
finals on the PA board. You could consider picking the RF there, but
note it's unfiltered and has no protection at all, and you circumvent
the ALC circuiry, so be careful.

Frankly, I'd consider a PA with a better matching input level.

Geert Jan

29150. RE: [FT897] Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-16 18:55:36 UTC
From: Geoff Blake
Topic: 29145 Message: 29150

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of on7cl_rudi
Sent: 16 February 2010 09:24
To: FT897@yahoogroups.com
Subject: [FT897] Power Settings FT897D

Hello FM,

The minimum power you can get on a FT897D is 5w if I'm not mistaken.

I need to set my FT897D to +- 2.5 watt to drive my HF amplifer.

Anyone knows how to do it and what settings I need ? (Probably it has something to do with the hidden menu.

All info is welcome.

Best 73 - Rudi - ON7Cl / KB8TAB.

Rudi,

I would be careful reducing the output by winding up the ALC. Although I have not experienced it (I do not use the 897 in such ways) the 897 has a reputation for generating a high power RF spike on keying up. I believe it is caused by the lack of ALC rise time.

If I wanted to reduce the output to 2.5W, I would use an attenuator of a suitable rating, of between 13 and 16dB in the output circuit.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
the intended recipient please notify
<postmaster(at)palaemon.co.uk>
and the sender by return and permanently delete the message.

You may not disclose, forward or copy this E-mail or any of
its attachments to any third party without the prior consent
of the sender.

29151. Amplifier question

Yahoo group: FT897 (2010)
Date: 2010-02-16 20:39:00 UTC
From: w9wtf
Topic: 29151 Message: 29151

Hello all.
I have just purchased a Yaesu FL-2100 amplifier and would like some advice before I hook it up so that I don't make a mistake. My setup is:
FT-897 with LDG AT-897 tuner to an URM-120 wattmeter. Since the AT-897 already uses the CAT/LINEAR port, and the ACC jack, how do I set this up? The manual doesn't give me enough information to be confident in setting this up correctly.
Thank you for your help in advance.
Bob - W9WTF

29152. Re: Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-16 21:27:20 UTC
From: Steve Yates
Topic: 29145 Message: 29152

Rudi,

I agree with Geert and Geoff. Try using an attenuator. I blew out the diode in my homebrew QRP power meter several times before I figured out what was going on. The power setting scales are fairly accurate on the FT-897D but at low power settings there is an occassional leading edge spike of much greater power output.

73,
Steve - AA5TB
Fort Worth

29153. RE: [FT897] Amplifier question

Yahoo group: FT897 (2010)
Date: 2010-02-16 21:33:28 UTC
From: Dennis
Topic: 29151 Message: 29153

Remove tuner and insert amplifier.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w9wtf
Sent: Tuesday, February 16, 2010 2:39 PM
To: FT897@yahoogroups.com
Subject: [FT897] Amplifier question

Hello all.
I have just purchased a Yaesu FL-2100 amplifier and would like some advice before I hook it up so that I don't make a mistake. My setup is:
FT-897 with LDG AT-897 tuner to an URM-120 wattmeter. Since the AT-897 already uses the CAT/LINEAR port, and the ACC jack, how do I set this up? The manual doesn't give me enough information to be confident in setting this up correctly.
Thank you for your help in advance.
Bob - W9WTF

[Non-text portions of this message have been removed]

29154. Yamaha CM500 headset with boom mic, trouble with noise on mic

Yahoo group: FT897 (2010)
Date: 2010-02-16 22:40:25 UTC
From: prybry
Topic: 29154 Message: 29154

I just picked up a set of Yamaha CM500 head phones with boom mic...
I've got the mic working but huge problem with noise, it sounds like electrical back ground noise, it changes as I move the 9ft long headset wire around. Could the shield on the cable not be enough? How do I tie the shield to the chasy ground?

Anyone else have experiance with this type of headset?
Or connecting a computer style head set to a FT897?

According to the Yamaha web site it has a 600 ohm dynamic mic and the 897 is also looking for a 600 ohm dynamic mic. The mic works, it's just the back ground noise is so high it's drownding my voice out.

The headset works great otherwise, excellent sound quality in the head phones.

I'm also tied to the radio through a Heil Yaesu adapter, I checked the pin outs with a meter and all seems fine... the PTT button I built works fine. I didn't use a sheilded cable for the PPT could that be an issue?

Help...
Brian
K0BDD

29155. Re: no swr

Yahoo group: FT897 (2010)
Date: 2010-02-16 23:37:13 UTC
From: RicardoH
Topic: 29080 Message: 29155

If you can not find someone to talk to, change the meter settings to measure power out. If you are getting power out and no SWR this is a good thing.

Ric
kj6doy

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
> > We are fairly new at this.
> > We're getting swr readings on 2m and 70cm fine using a Diamond antenna, but are getting no swr readings at all on HF using a GAP vertical.
> > Hooked up an swr meter, same results.
> > Just got an MFJ 945 c manual antenna tuner and also can't get any swr readings.
> > Hooked up the GAP to an antenna analyzer and do get swr readings on the antenna.
> >
> > Any help would be appreciated.
> >
> > Thanks and 73s
> >
> > Jose Douglas
> > KB1TCD
> >
>
> How are you trying to measure your SWR?
>
> If you are using ssb there will be no carrier, hence no reading, unless you actually speak into the mic.
>
> You must use a mode that has a constant carrier for tuning and reading swr, such as CW.
>
> 73
> Jeff
>

29156. Re: $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-17 03:48:30 UTC
From: ZephyrNYC
Topic: 29140 Message: 29156

857Ds on eBay

http://shop.ebay.com/i.html?_trkparms=65%253A10%257C66%253A2%257C39%253A1&_nkw=857d&_sticky=1&_trksid=p3286.c0.m14&_sop=1&_sc=1

29157. Re: 2.5 watt drive-HF amp?

Yahoo group: FT897 (2010)
Date: 2010-02-17 10:15:20 UTC
From: on7cl_rudi
Topic: 29146 Message: 29157

Hello FM,

Thanks all for the answers.

I don't understand why several people start thinking of using a ILLEGAL CB amplifier, I wonder why I should do that, I know it's hard to get a ham license and I don't play with those things because I don't want to get rid of my license. I don't see what CB has to do with this !! most of us are comming from CB so whats wrong about that ??

The amplifer I'm using is a LEGAL ONE here in EU and also in the US, it's an SPE EXPERT 1K-FA, with 2.5 watt input I get +- 200w out thats enough to make regular qso's or not, 1kw is only need to get true a pile up for a new one (expedition) or so.

Just wanted to put things clear and I will think twice in the future before putting some messsage in this forum.

Once again thanks to all for the info.

Best 73 - Rudi - ON7CL/KB8TAB.

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> If your amp only requires 2.5 watts HF drive, I wonder if it is really an
> amplifier that is LEGAL for HF HAM use? If it is solid-state, does it have
> at least SIX separate bandpass/harmonic filters, and how are they switched?
> (What you described leads me to believe you might have a cheap "CB
> radio/27 mhz" type device, which is generally designed with ONE purpose in mind,
> HIGH OUTPUT POWER, without regard to harmonic or spurious radiation on other
> frequencies!) Such amplifiers can "Sound Good" on the band they are
> operating on, but they simultaneously will transmit/emit signals on many higher
> frequencies that are harmonically related, possibly causing unintended
> interference on those frequencies, some of which are used for AIRCRAFT,
> broadcast, other ham bands, and public service communications. Such unfiltered
> devices should NOT be used on the ham bands ANYWHERE, and are ILLEGAL in the
> U.S.A.-Hopefully you are NOT using such junk, but all amateurs should be
> AWARE of this. An attenuator pad, having 3db or greater attenuation, can be
> installed into your amplifier, between its input relay and the amplifiers
> drive input terminals-this pad should be built with resistors rated at 2.5
> watts or better, and will allow you to safely drive it with 5 watts. (A 10 db
> attenuator pad would permit using 25 watts) See a good ham technical book,
> such as the ARRL HANDBOOK, for the technical details if you are lacking the
> knowledge to build one.--73, KC3VO, Bob Curry
>
>
> [Non-text portions of this message have been removed]
>

29158. Re: Amplifier question

Yahoo group: FT897 (2010)
Date: 2010-02-17 11:14:34 UTC
From: nr3r15
Topic: 29151 Message: 29158

--- In FT897@yahoogroups.com, "w9wtf" <tigrbob@...> wrote:

I can't answer your amp question but a word of caution. Looks like your amp is a 600Watt amp and the AT-897 tuner only handles 100Watts. You need a different tuner for that amp.

Larry / nr3r

29159. Re: 2.5 watt drive-HF amp?

Yahoo group: FT897 (2010)
Date: 2010-02-17 13:39:40 UTC
From: dyarnes1
Topic: 29146 Message: 29159

Bob and All,

I couldn't find the genesis of this thread, so I'm probably missing the basic facts. However, your post infers that the low drive power is a violation. I think that rule was dropped some time ago--at least here in the U.S. There are lots of amps out there that require very little drive power, but were purposely inhibited so that it would take higher drive power to attain full output. There are also a lot of CB type amps that were not legal (at one time anyway), and also had inadequate bandpass filtering. For example, some lines produced by RM Italy were that way, but their "HLA" series does have required bandpass filtering I believe. Those amps only require 5 watts or so to attain 150 watts or more, depending on which version you have. Also, I suspect that minimum drive requirement wasn't universal, so it wasn't a problem in many foreign countries.

Dave W7AQK

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> If your amp only requires 2.5 watts HF drive, I wonder if it is really an
> amplifier that is LEGAL for HF HAM use? If it is solid-state, does it have
> at least SIX separate bandpass/harmonic filters, and how are they switched?
> (What you described leads me to believe you might have a cheap "CB
> radio/27 mhz" type device, which is generally designed with ONE purpose in mind,
> HIGH OUTPUT POWER, without regard to harmonic or spurious radiation on other
> frequencies!) Such amplifiers can "Sound Good" on the band they are
> operating on, but they simultaneously will transmit/emit signals on many higher
> frequencies that are harmonically related, possibly causing unintended
> interference on those frequencies, some of which are used for AIRCRAFT,
> broadcast, other ham bands, and public service communications. Such unfiltered
> devices should NOT be used on the ham bands ANYWHERE, and are ILLEGAL in the
> U.S.A.-Hopefully you are NOT using such junk, but all amateurs should be
> AWARE of this. An attenuator pad, having 3db or greater attenuation, can be
> installed into your amplifier, between its input relay and the amplifiers
> drive input terminals-this pad should be built with resistors rated at 2.5
> watts or better, and will allow you to safely drive it with 5 watts. (A 10 db
> attenuator pad would permit using 25 watts) See a good ham technical book,
> such as the ARRL HANDBOOK, for the technical details if you are lacking the
> knowledge to build one.--73, KC3VO, Bob Curry
>
>
> [Non-text portions of this message have been removed]
>

29160. Re: 2.5 watt drive-HF amp?

Yahoo group: FT897 (2010)
Date: 2010-02-17 14:44:17 UTC
From: MichaelE
Topic: 29146 Message: 29160

Rudi,

I am a member of several Yahoo Groups relative to Ham Radio. One thing I find that they all have in common. It seems that when someone posts a questions there are two groups of people who reply. On group is composed of those who offer good information and try to help answer the question. The second group are those who want to show off how much they know and get off onto a dozen tangents about all sorts of things rather than just answer the question. I don't think most of them intend to be offensive (although a few just seem to want to argue about everything.)

Anyway I just hope that you won't put all of us in the same bucket. A lot of us remember someone who was an Elmer and answered all of our questions while we were learning. I remember some of mine were pretty dumb inretrospect, but my Elmer never made me feel dumb - he just helped me learn.

Regards and good luck solving your problem.

73,
Mike, AE8U

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> Thanks all for the answers.
>
> I don't understand why several people start thinking of using a ILLEGAL CB amplifier, I wonder why I should do that, I know it's hard to get a ham license and I don't play with those things because I don't want to get rid of my license. I don't see what CB has to do with this !! most of us are comming from CB so whats wrong about that ??
>
> The amplifer I'm using is a LEGAL ONE here in EU and also in the US, it's an SPE EXPERT 1K-FA, with 2.5 watt input I get +- 200w out thats enough to make regular qso's or not, 1kw is only need to get true a pile up for a new one (expedition) or so.
>
> Just wanted to put things clear and I will think twice in the future before putting some messsage in this forum.
>
> Once again thanks to all for the info.
>
> Best 73 - Rudi - ON7CL/KB8TAB.
>
> --- In FT897@yahoogroups.com, kc3vo@ wrote:
> >
> > If your amp only requires 2.5 watts HF drive, I wonder if it is really an
> > amplifier that is LEGAL for HF HAM use? If it is solid-state, does it have

> > at least SIX separate bandpass/harmonic filters, and how are they switched?
> > (What you described leads me to believe you might have a cheap "CB
> > radio/27 mhz" type device, which is generally designed with ONE purpose in mind,
> > HIGH OUTPUT POWER, without regard to harmonic or spurious radiation on other
> > frequencies!) Such amplifiers can "Sound Good" on the band they are
> > operating on, but they simultaneously will transmit/emit signals on many higher
> > frequencies that are harmonically related, possibly causing unintended
> > interference on those frequencies, some of which are used for AIRCRAFT,
> > broadcast, other ham bands, and public service communications. Such unfiltered
> > devices should NOT be used on the ham bands ANYWHERE, and are ILLEGAL in the
> > U.S.A.-Hopefully you are NOT using such junk, but all amateurs should be
> > AWARE of this. An attenuator pad, having 3db or greater attenuation, can be
> > installed into your amplifier, between its input relay and the amplifiers
> > drive input terminals-this pad should be built with resistors rated at 2.5
> > watts or better, and will allow you to safely drive it with 5 watts. (A 10 db
> > attenuator pad would permit using 25 watts) See a good ham technical book,
> > such as the ARRL HANDBOOK, for the technical details if you are lacking the
> > knowledge to build one.--73, KC3VO, Bob Curry
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

29161. Re: acc -- (in tx-ground config) repair?

Yahoo group: FT897 (2010)
Date: 2010-02-17 14:39:12 UTC
From: Risk
Topic: 23837 Message: 29161

What was the problem ? Did you get it fixed mate ?

Jason
VK2WAR

--- In FT897@yahoogroups.com, "computererds" <foster.ryan@...> wrote:
>
> I recently blew out something by connecting my ft-897d to my mla-2500
> amp via the acc port set to tx-ground config. It no longer connects
> ring to ground (ie-- no longer tx to ground on tx) and I know I burned
> something out, hopefully just something lame like a fuse or diode that
> I can replace. The tx-to ground on the CAT still seems to work fine.
>
> Can anyone tell me what common componate this would be to repair? I
> have ordered a schematic from yaesu to repair, but it is going to take
> a long time to get here and I would really like to fix this and get
> back on the air (and reach people that are out of my state without
> praying the qrm doesn't drown me out (an extra 150w normally does that))
>
>
> Also if anyone has a design or schematic for a amp buffer they would
> post or send me, I would really appreciate it.
>
> thanks
>
> --Ryan
> kd8izm
>

29162. Re: cat / linear

Yahoo group: FT897 (2010)
Date: 2010-02-17 14:57:37 UTC
From: Risk
Topic: 11754 Message: 29162

I have a similar problem.

Is the fuse on the top side of the board, that is, visible by just removing the top cover of the radio, or do you have to get to the underside of the board by removing the screws to the board itself.

My Cat cable (RS232 to USB) works fine with HRD, but the 12 volts is no longer available and the transistor seems to be shorted. Not sure where exactly on the board that is either?

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Bill N2VZ" <bill@...> wrote:
>
> Alberto,
>
>
>
> I blew the fuse also. I used a standard 20mm fuse and soldered on leads
> using 28 gauge wire and then tacked soldered the leads across the blown SMD
> fuse. I then folded a single piece of electrical tape over the fuse and lead
> wires. This has been working for a couple of months.
>
>
>
> 73, Bill N2VZ
>
>
>
> <http://www.n2vz.com/> WWW.N2VZ.COM
>
> <mailto:BILL@...> BILL@...
>
>
>
> Tel: 609-249-3875 begin_of_the_skype_highlighting 609-249-3875 end_of_
the_skype_highlighting begin_of_the_skype_highlighting 609-249-3875 end_
of_the_skype_highlighting
>
>
>
> N2VZ Enterprises
>
> 1111 Leilani Drive
>
> Forked River, NJ 08731

>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> iz0dzx
> Sent: Sunday, October 02, 2005 2:01 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: cat / linear
>
>
>
> I have blown the micro chip SMD fuse on board, placed just rear the
> CAT/LINEAR/TUNE connector, probably due to the relay overdrive, using
> an external linear amp.
>
> Could anyone give me suggestions how to replace it with a conventional
> micro-fuse ?
>
> Thank you in advance for any answer
>
> Alberto IZ0DZX
>
>
> --- In FT897@yahoogroups.com, "wb9onu" <wb9onu@a...> wrote:
> > Warning the Ameritron ARB704 interface & cable for the ft 897d has a
> > problem. It will apply 13.8 volts to the same pin on the ft 897d that
> > puts out 13.8 volts to the cat cable. Thus it will blow the micro chip
> > fuse that is on board and making the cat cable dead. The cat cable
> > needs 13.8 volts to operate if it doesn't get the voltage the ft 897d
> > will not communicate to your computer.
> > You need the cat/linear/tuner jack on the ft 897d for the tx inh,
> > reset, txgnd to send a ptt to the amp interface to trigger the amp.
> > The only thing alc is used for is to prevent over driving the amp.
> > The cat cable needs txd, gnd, rxd, and 13.8v in order to work. So
> > anyone not using the yaseu amp should make up a Y cable with only the
> > pins that you need. And don't use the yaseu ft 897d 13.8 volts on the
> > cat connector for anything but the cat cable.
> >
> >
> > Jerry -wb9onu
>
>
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>
>

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>
>
> SPONSORED LINKS
>
>
> Craft
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and
> +craft+supply&w3=Ham+radio&c=3&s=60&.sig=YqiuyVwjnQFdynnsmMwVWg> hobby
>
> Hobby
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w
> 2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=VduRJqNqUo9QkUiTI-knAA>
> and craft supply
>
> Ham
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+c
> raft+supply&w3=Ham+radio&c=3&s=60&.sig=sl_TRqZTiP_WHSLe6P3ybA> radio
>
>
>
> _____
>
> YAHOO! GROUPS LINKS
>
>
>
> * Visit your group "FT897 <http://groups.yahoo.com/group/FT897> " on
> the web.
>
> * To unsubscribe from this group, send an email to:
> FT897-unsubscribe@yahoogroups.com
> <mailto:FT897-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of Service.
>
>
>
> _____
>
>
>
> [Non-text portions of this message have been removed]
>

29163. NAQCC - Lifetime membership is FREE!!

Yahoo group: FT897 (2010)
Date: 2010-02-17 20:11:53 UTC
From: ZephyrNYC
Topic: 29163 Message: 29163

I just joined this QRP/CW group.

73,
Frank

---------- Forwarded message ----------
From: NAQCC <va3rj@...>
Date: Wed, Feb 17, 2010 at 12:47
Subject: [SolidCpyCW] NAQCC - Lifetime membership is FREE!!
To: SolidCpyCW@yahoogroups.com

Want to break out of the dull winter routine?

Want to be part of the largest QRP CW club in the world? (4,000+ members from 80+ countries!)

Perhaps you are looking for someone to "Elmer" you? Then we have just what you need to develop and improve your CW skills, including QRS nets perfect for the new CW op.

Or maybe you would like to volunteer your time and become an "Elmer" to help one of those fellow hams new to Morse code.

And how about a Sprint or two thrown in for good measure? We have them too, for those of you who like a little friendly contesting. Our sprints now rival many others in the amount of participation.

Want something that lasts a little longer than a sprint? We have challenges that last a whole month with a different theme each month.

Into awards? Our extensive awards program has something for everyone.

Many of our sprints, challenges, awards, and other club activities involve handsome prizes donated by our members.

Best of all, this and more can be yours at NO COST just by joining the NAQCC (North American QRP CW Club). Lifetime membership is FREE!!

As different as we may be, we all share one thing in common, and that is our love for CW.

Now is the time to get involved! Join our group that includes "Big Gun" contesters, hard-core QRPers, experimenters, ragchewers and SWLers; young and old alike. We welcome all who want to help support CW and have at least some interest in using QRP from time-to-time.

Help us on our mission to preserve and encourage CW activity on our amateur bands. Sign up today and help keep CW alive and well.

Don't wait, do it now!

Visit http://home.windstream.net/yoel/ to sign up and receive your
FREE lifetime membership number and certificate.

On behalf of:
Tom, WY3H - NAQCC President
John, K3WWP - NAQCC Vice President
Paul, KD2MX - NAQCC Recruitment Officer
Dave, VA3RJ/VE3JDR - NAQCC Publicity Officer
++

29164. 857/897 External meter for sale

Yahoo group: FT897 (2010)
Date: 2010-02-17 20:45:20 UTC
From: m0xdx
Topic: 29164 Message: 29164

I am selling my home-made external meter:

http://cgi.ebay.co.uk/External-S-meter-SWR-Power-meter-for-Yaesu-FT857-FT897_W0QQitemZ280465390398QQcmdZViewItemQQptZLH_DefaultDomain_3?hash=item414d0a3b3e

Please note I will only post to the UK.

Paul, M0XDX

29165. RE: [FT897] 857/897 External meter for sale

Yahoo group: FT897 (2010)
Date: 2010-02-17 23:19:56 UTC
From: Joseph Richard
Topic: 29164 Message: 29165

Very good job on the meter. It has a very professional look.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of m0xdx
Sent: Wednesday, February 17, 2010 2:45 PM
To: FT897@yahoogroups.com
Subject: [FT897] 857/897 External meter for sale

I am selling my home-made external meter:

http://cgi.ebay.co.uk/External-S-meter-SWR-Power-meter-for-Yaesu-FT857-FT897_W0QQitemZ280465390398QQcmdZViewItemQQptZLH_DefaultDomain_3?hash=item414d0a3b3e

Please note I will only post to the UK.

Paul, M0XDX

Yahoo! Groups Links

29166. Re: [FT897] Comparing 897D with FT-450

Yahoo group: FT897 (2010)
Date: 2010-02-18 05:05:43 UTC
From: zephyrnewyork
Topic: 28632 Message: 29166

Gordon,

I am in a living situation very similar to yours. Which model of tuner
do you prefer? Do you ever operate from your roof or fire escape?
What do you do for grounds?

73,
Frank
WF2ANK

On 2009-12-25, willgord <willgord@...> wrote:
> I am a generally satisfied user of an 897. I have worked 60 countries and 41
> states, despite having to run a screwdriver antenna inside a New York City
> apartment building.
>
> But I have had access to a Yaesu F-450 and am tempted to add one to my
> shack, so that I play with both.
>
> One point is that I bought the 897D because my fallback, if I couldnt' make
> contacts with my indoor antenna, I could operate by battery in Central Park,
> a block away. Reality is I have made many contacts from the apartment and
> going battery would be running 20 watts at ground level against 100 watts
> from 120 feet up (the approximate height of my 14th floor apartment.
>
> Curious to hear what anyone has to say about the 450, pro or con, and any
> comparisons you might make about the 450 vs. the 897.
>
> Merry Christmas to one and all
>
> Gordon
> K2GLW
>
>

--
)'(2010

29169. Re: Yamaha CM500 headset with boom mic, trouble with noise on mic

Yahoo group: FT897 (2010)
Date: 2010-02-17 16:50:04 UTC
From: Blaine
Topic: 29154 Message: 29169

Brian,
Can you tell me which adapter model you purchased? I've got the CM500 and was looking for an adapter for my FT-897. Thx!
-Blaine

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
>
> I just picked up a set of Yamaha CM500 head phones with boom mic...
> I've got the mic working but huge problem with noise, it sounds like electrical back ground noise, it changes as I move the 9ft long headset wire around. Could the shield on the cable not be enough? How do I tie the shield to the chasy ground?
>
> Anyone else have experiance with this type of headset?
> Or connecting a computer style head set to a FT897?
>
> According to the Yamaha web site it has a 600 ohm dynamic mic and the 897 is also looking for a 600 ohm dynamic mic. The mic works, it's just the back ground noise is so high it's drownding my voice out.
>
> The headset works great otherwise, excellent sound quality in the head phones.
>
> I'm also tied to the radio through a Heil Yaesu adapter, I checked the pin outs with a meter and all seems fine... the PTT button I built works fine. I didn't use a sheilded cable for the PPT could that be an issue?
>
> Help...
> Brian
> K0BDD
>

29170. Severely truncated first element in QSK CW

Yahoo group: FT897 (2010)
Date: 2010-02-17 00:08:26 UTC
From: n0ss
Topic: 29170 Message: 29170

I am writing this note of behalf of a fairly newly licensed operator who owns a 6-month old FT-897 and who is experiencing PERIODIC severe truncation of the first element sent when in QSK mode.

We did some on-the-air testing. On 40M (7080 kHz), if the operator sent the character "I" in CW at about 15 WPM, the entire character appeared to effectively be a perfectly-formed CW "I"... no element truncation was noted.

Moving to 80M (3585 kHz), and again sending the character "I", the first DIT of the "I" was shortened to about 10%-20% of the expected DIT length. The second DIT was sent at full length. Likewise a leading DAH would be truncated to a much shorter element as well.

Moving to 20M (14030kHz), the same leading element truncation was noted on the first DIT of an "I", and on DAHs, but to a lesser extent (e.g. a leading DAH was probably 60%-70% generated).

Moving to 15M (21030 kHz), NO TRUNCATION was noted on any element sent.

We finally went to 10M (28030 kHz) and again found that the leading element was being severely truncated.

We stopped for a couple minutes, discussed the problem over the phone, and I asked the operator to send some more characters so I could create a WAV file for further analysis. THIS TIME, and without the operator changing anything on the FT-897, there was NO TRUNCATION of leading elements, on the same band and only 3 minutes following tests which DID produce truncation.

We then went back down the bands, testing... NO further truncation was noted from the FT-897 on ANY band...!!! And we have not been able to reproduce the effect... at least during additional testing today.

This was NOT an isolated problem. The operator has previously received similar reports of element truncation (though all on the 80M band). But as of this writing, we have not been able to reliably reproduce the problem.

Unfortunately, I am not familiar with the architecture of the FT-897, so I am quite hesitant to try to hypothesize about the cause of this problem. I do know that some rigs have experienced problems (and sometimes ONLY on specific frequencies) with slow PLL lock-up or transition, thus causing similar problems, or at least problems which might appear to be similar.

Has anyone else experienced this problem or is aware of the problem? If so, what can you tell us about it. Before we go to Yaesu with the problem it would be very helpful to be able to know how to reliably force the problem to occur, so Yaesu can find/fix it. If they can't see it occur, there'll be little effort made to fix something they can't see.

Thanks for your time.

73,

Tom Hammond N0SS

29171. WTB 500 Hz. Filter

Yahoo group: FT897 (2010)
Date: 2010-02-17 21:05:15 UTC
From: donjan7
Topic: 29171 Message: 29171

Looking for a 500 Hz CW filter for my 897D. Can be Yaesu YF-122C (Collins), or Inrad 712F, or any other equivalent.

Anyone have one they want to sell? Please contact off list to:
K6RV@.... Thanks. Donald K6RV

29172. FT897 battery/charger value

Yahoo group: FT897 (2010)
Date: 2010-02-17 19:42:13 UTC
From: John Geiger
Topic: 29172 Message: 29172

What is the approximate value of 2 yaesu FNB-78 batteries and the CD-24 charger on the used market, sold as a package?

73s John AA5JG

29173. Re: Yamaha CM500 headset with boom mic, trouble with noise on mic

Yahoo group: FT897 (2010)
Date: 2010-02-18 06:46:10 UTC
From: Scott
Topic: 29154 Message: 29173

I think you hit the nail on the head. Sounds like from
your discription, your getting RF feed back into the
mic or cable. Good luck with the resoultion.

73, Scott

--- In FT897@yahoogroups.com, "prybry" <bdallman@...> wrote:
snip

Could the shield on the cable not be enough? ...

snip

29174. Re: FT897 battery/charger value

Yahoo group: FT897 (2010)
Date: 2010-02-18 12:54:47 UTC
From: rschaffrath
Topic: 29172 Message: 29174

The general rule of thumb is something is worth what someone is willing to pay for it. One reason why the auction system work well.

Robert, N2JTX

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> What is the approximate value of 2 yaesu FNB-78 batteries and the CD-24 charger on the used market, sold as a package?
>
> 73s John AA5JG
>

29175. RE: [FT897] Re: Yamaha CM500 headset with boom mic, trouble with noise on mic

Yahoo group: FT897 (2010)
Date: 2010-02-18 14:49:05 UTC
From: Brian Dallmann
Topic: 29154 Message: 29175

Blaine,

I used the Heil AD-1-YM with mine.... I had to cut the plug off the CM500 mic wire and put on a mono plug...
The weird thing I found when I took the plug off the headset was, there is only two leads inside the cable, the shield and the center mic wire...
even though the plug is a stereo plug (3 contacts)? The tip and center ring on the plug was tied together...

I'm not sure why it didn't work with the heil adapter with the stereo plug, but it wouldn't make contact.

The headset is sweet... I just wish it worked right out of the box...
I look forward to hearing if you have better luck... I'm still fighting a noise issue.

Brian
K0BDD

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Blaine
Sent: Wednesday, February 17, 2010 10:50 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Yamaha CM500 headset with boom mic, trouble with noise on mic

Brian,
Can you tell me which adapter model you purchased? I've got the CM500 and was looking for an adapter for my FT-897. Thx!
-Blaine

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "prybry" <bdallman@...> wrote:
>
> I just picked up a set of Yamaha CM500 head phones with boom mic...
> I've got the mic working but huge problem with noise, it sounds like electrical back ground noise, it changes as I move the 9ft long headset wire around. Could the shield on the cable not be enough? How do I tie the shield to the chasy ground?
>
> Anyone else have experiance with this type of headset?
> Or connecting a computer style head set to a FT897?
>
> According to the Yamaha web site it has a 600 ohm dynamic mic and the 897 is also looking for a 600 ohm dynamic mic. The mic works, it's just the back ground noise is so high it's drownding my voice out.
>
> The headset works great otherwise, excellent sound quality in the head phones.
>

> I'm also tied to the radio through a Heil Yaesu adapter, I checked the pin outs with a meter and all seems fine... the PTT button I built works fine. I didn't use a sheilded cable for the PPT could that be an issue?
>
> Help...
> Brian
> K0BDD
>

Email secured by Check Point

[Non-text portions of this message have been removed]

29176. RE: [FT897] Re: FT897 battery/charger value

Yahoo group: FT897 (2010)
Date: 2010-02-18 14:45:19 UTC
From: Dennis
Topic: 29172 Message: 29176

That DOESN'T answer his question!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of rschaffrath
Sent: Thursday, February 18, 2010 6:55 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT897 battery/charger value

The general rule of thumb is something is worth what someone is willing to pay for it. One reason why the auction system work well.

Robert, N2JTX

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, John Geiger <aa5jg@...> wrote:
>
> What is the approximate value of 2 yaesu FNB-78 batteries and the CD-24 charger on the used market, sold as a package?
>
> 73s John AA5JG
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.733 / Virus Database: 271.1.1/2695 - Release Date: 02/18/10 01:34:00

[Non-text portions of this message have been removed]

29177. Re: [FT897] Re: FT897 battery/charger value

Yahoo group: FT897 (2010)
Date: 2010-02-18 17:08:32 UTC
From: John Faughn
Topic: 29172 Message: 29177

Does it come with the power supply [the wall wart for charger] not in your list ?
Then knowing the condition of the batteries , is a big deal , that means a test , not what you think of them .
I did not check the highest prices but new discounts , a quick check for 2 batt. quick charge & PS is from 256 .38 - 449.80 , that is Yaesu and or W4RT - which seems like there are better reports from W4RT's stuff , then used , usually - at least 20% to 50% , and batteries are still a big question ?
So 1st off more info to gauge the value .
Next for some like my self , who may be interested , is name your price , as mentioned earlier auctions , well I drop out when the price gets high .
I never make offers , even an auctions , I watch the biding , I know what I have to spend , and the value of what I'm looking at .
So the lowest of the the above figures is 50% = $128.19

On Thu, Feb 18, 2010 at 8:45 AM, Dennis <n8bmb1@...> wrote:

>
>
> That DOESN'T answer his question!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> rschaffrath
> Sent: Thursday, February 18, 2010 6:55 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re: FT897 battery/charger value
>
> The general rule of thumb is something is worth what someone is willing to
> pay for it. One reason why the auction system work well.
>
> Robert, N2JTX
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com, John Geiger
> <aa5jg@...> wrote:
> >
> > What is the approximate value of 2 yaesu FNB-78 batteries and the CD-24
> charger on the used market, sold as a package?
> >
> > 73s John AA5JG
> >

>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.733 / Virus Database: 271.1.1/2695 - Release Date: 02/18/10
> 01:34:00
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29178. wrong "mode" adding log entry on HRD

Yahoo group: FT897 (2010)
Date: 2010-02-19 00:58:51 UTC
From: iz0inx
Topic: 29178 Message: 29178

I'm using the last released version 4 of HAM Radio Deluxe (4.1 build 2321) with my ft897 and everything works fine but the reading of the "mode" in the "Add Logbook Entry" window.

All the modes are correctly read with two exceptions: DIG, which is read as USB and CW, which is read as TOR.

I believe it depends on what the rig is sending to HRD, anyway, does someone know if there is some way to manage this?

I could understand sending USB instead of DIG, actually my PSK31 emission is USB, but why TOR instead of CW ?

Cheers, Fil IZØINX

29180. Power on fault

Yahoo group: FT897 (2010)
Date: 2010-02-18 16:52:52 UTC
From: M3WBS
Topic: 29180 Message: 29180

Hi All
I have two FT-897D's, both are kept in the same outside building/shack. I am wondering if I have a fault with one the radios or if it is due to low temeratures or maybe humidity.

Sometimes after a frosty night one of my two 897's wont power up correctly, the display flashes briefly and comes up with no backlight and there is a low level hiss from the speaker. No controls function while in this condition. After a few power off and back on tries the radio powers up but resets the CPU so I have to go all through the settings again to get it back to where it was. It will then work fine.

Does temperature cause this problem? It never drops below 3 deg C in the shack becuase I have frost protection heating on 24/7, I must add on a night when its been mild outside I have no problems with it.
Anyone else had this happen?
Regards
Steve

29181. thank you all for your 857D tuner and other help

Yahoo group: FT897 (2010)
Date: 2010-02-19 01:25:30 UTC
From: ZephyrNYC
Topic: 29181 Message: 29181

Thanks to everyone for your awesome responses, advice, and tips. I'm still deciding on an auto tuner for an 857D. I'll hold out a little longer, hopefully to find a good deal (and save up a little more money). Right now, I really like the LDG Z-11 Pro II and YT-100, and SGC SG-237. I also heard about the LDG AT-100 Pro II coming out soon.

This is how I plan to operate on 160m through 6m (and of course 2m and 70cm):

approximately 50% of the time:
from the home shack on the roof or metal fire escape on the 7th and top floor of an apartment building with a dipole or other stealth wire, fishing pole, or other portable antenna,

49%:
pedestrian mobile with a fishing pole or other portable antenna,

1%:
vehicular mobile later down the road.

Do the LDG tuners have to be located at the transceiver? Can they not be operated at the antenna feed point (more desirable for efficiency)? Can the SG-237 and other SGC tuners only be operated at the antenna feed point (less desirable)?

73,
Frank

29182. Re: [FT897] Power on fault

Yahoo group: FT897 (2010)
Date: 2010-02-19 05:31:36 UTC
From: Gary Altig
Topic: 29180 Message: 29182

DE N7UVL,
Back in the days of multi-card MODEMS, I once worked on a
MODEM that sat on a window sill with the window open in the
Winter. It would fail until the sun warmed things up. Some
cold compressed air helped narrow down the problem./ga

----- Original Message -----
From: M3WBS<mailto:m3.wbs@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 18, 2010 8:52 AM
Subject: [FT897] Power on fault

Hi All
I have two FT-897D's, both are kept in the same outside building/shack. I am wondering if I have a fault with one the radios or if it is due to low temeratures or maybe humidity.

Sometimes after a frosty night one of my two 897's wont power up correctly, the display flashes briefly and comes up with no backlight and there is a low level hiss from the speaker. No controls function while in this condition. After a few power off and back on tries the radio powers up but resets the CPU so I have to go all through the settings again to get it back to where it was. It will then work fine.

Does temperature cause this problem? It never drops below 3 deg C in the shack becuase I have frost protection heating on 24/7, I must add on a night when its been mild outside I have no problems with it.
Anyone else had this happen?
Regards
Steve

[Non-text portions of this message have been removed]

29183. Re: $640 for a NIB 857D?

Yahoo group: FT897 (2010)
Date: 2010-02-19 22:08:25 UTC
From: ZephyrNYC
Topic: 29140 Message: 29183

Today I saw a classified for a used 857D for $650. Caveat emptor.

http://forums.qrz.com/showthread.php?t=237589

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

29184. AF Gain problem

Yahoo group: FT897 (2010)
Date: 2010-02-19 22:31:16 UTC
From: dogdavetika
Topic: 29179 Message: 29184

Have you checked that your power supply is not folding back and is keeping enough voltage on the radio? Just a guess.

Dave
N3DT

29185. Re: AF Gain problem

Yahoo group: FT897 (2010)
Date: 2010-02-20 03:30:23 UTC
From: kd4qmy
Topic: 29179 Message: 29185

Thanks for the information Dave. Power supply is in good working order. My other FT-897 (D version) is inline with the 35amp power supply too and I experienced no problems. Anyway, I replaced the older '897 with a new '897D on Thursday and kept it on the air for a couple of hours Friday evening and all is good. I did send the AF Problem '897 to Yaesu after speaking with one of the tech guys. Thanks again for advice.
KD4QMY
George

--- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@...> wrote:
>
> Have you checked that your power supply is not folding back and is keeping enough voltage on the radio? Just a guess.
>
> Dave
> N3DT
>

29186. ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 01:23:09 UTC
From: vk2faja
Topic: 29186 Message: 29186

Hi all im after a service manual for a ft100d if anyone can help plz sent it to me
73

Adam VK2FAJA

29187. Re: [FT897] ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 02:43:17 UTC
From: K9ZTV
Topic: 29186 Message: 29187

It's available on CD from Yaesu dealers (and probably other vendors).

Kent K9ZTV

On 2/20/2010 7:23 PM, vk2faja wrote:
>
> Hi all im after a service manual for a ft100d if anyone can help plz
> sent it to me
> 73
>
> Adam VK2FAJA
>
>

[Non-text portions of this message have been removed]

29188. Re: [FT897] ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 02:50:23 UTC
From: Finnigann
Topic: 29186 Message: 29188

On Sat, 20 Feb 2010 20:23:09 -0500, vk2faja <vk2faja@...> wrote:

>
> Hi all im after a service manual for a ft100d if anyone can help plz
> sent it to me
> 73

> Adam VK2FAJA

Google is our friend: http://tinyurl.com/yjvtylf

This is the google search results for Service Manual ft100d.

hth
--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29189. Re: ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 03:35:19 UTC
From: David_J55
Topic: 29186 Message: 29189

Try FoxTango

73 de ki6fbx david k

--- In FT897@yahoogroups.com, "vk2faja" <vk2faja@...> wrote:
>
> Hi all im after a service manual for a ft100d if anyone can help plz sent it to me
> 73
>
> Adam VK2FAJA
>

29190. RE: [FT897] ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 04:06:33 UTC
From: Eric van de Weyer
Topic: 29186 Message: 29190

Hi Adam,

You can download it from mods.dk. It is called the Technical Supplement, not service manual.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of vk2faja
Sent: Sunday, 21 February 2010 12:23
To: FT897@yahoogroups.com
Subject: [FT897] ft100d service manual

Hi all im after a service manual for a ft100d if anyone can help plz sent it to me
73

Adam VK2FAJA

Yahoo! Groups Links

29191. service manuals...

Yahoo group: FT897 (2010)
Date: 2010-02-21 04:07:29 UTC
From: George F
Topic: 29191 Message: 29191

Hi guys..

manual and schematic treasures here...

www.cqham.ru/sch_eng.html

keep well ... Rodrigo....

_____
Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your favourite sites.
Download it now
http://ca.toolbar.yahoo.com.

[Non-text portions of this message have been removed]

29192. Re: ft100d service manual

Yahoo group: FT897 (2010)
Date: 2010-02-21 12:39:58 UTC
From: bram.pe2ek
Topic: 29186 Message: 29192

--- In FT897@yahoogroups.com, "vk2faja" <vk2faja@...> wrote:
>
> Hi all im after a service manual for a ft100d if anyone can help plz sent it to me
> 73
>
> Adam VK2FAJA
>
hello adam

try www.foxtango.org

here is the link to the ninetees section

http://www.foxtango.org/ft-library/FT-Library/nineties/Nineties.htm

greetings
bram peek pe2ek

29193. Re: [FT897] service manuals...

Yahoo group: FT897 (2010)
Date: 2010-02-21 14:40:11 UTC
From: John Faughn
Topic: 29191 Message: 29193

Are the manuals in Russian ?

On Sat, Feb 20, 2010 at 10:07 PM, George F <gefi_can@...> wrote:

>
>
> Hi guys..
>
> manual and schematic treasures here...
>
> www.cqham.ru/sch_eng.html
>
> keep well ... Rodrigo....
>
> _____
> Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your
> favourite sites. Download it now
> http://ca.toolbar.yahoo.com.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29194. Re: [FT897] service manuals...

Yahoo group: FT897 (2010)
Date: 2010-02-21 18:34:54 UTC
From: George F
Topic: 29191 Message: 29194

There are mostly in Eglish lang.
RB

--- On Sun, 2/21/10, John Faughn <john.faughn@...> wrote:

From: John Faughn <john.faughn@...>
Subject: Re: [FT897] service manuals...
To: FT897@yahoogroups.com
Received: Sunday, February 21, 2010, 9:40 AM

Are the manuals in Russian ?

On Sat, Feb 20, 2010 at 10:07 PM, George F <gefi_can@...> wrote:

>
>
> Hi guys..
>
> manual and schematic treasures here...
>
> www.cqham.ru/sch_eng.html
>
> keep well ... Rodrigo....
>
> _____
> Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your
> favourite sites. Download it now
> http://ca.toolbar.yahoo.com.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Looking for the perfect gift? Give the gift of Flickr!

http://www.flickr.com/gift/

[Non-text portions of this message have been removed]

29195. Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 18:50:40 UTC
From: bragucci
Topic: 29195 Message: 29195

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

29196. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 19:19:52 UTC
From: Trixter aka Bret McDanel
Topic: 29195 Message: 29196

On Sun, 2010-02-21 at 18:50 +0000, bragucci wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise"
> problem on the 820. The 897 however is a different story. When the
> furnace clicks on I get S7 noise, the refrig causes the same thing,
> dishwasher, you name it, if it has a motor I get S7 noise. I moved the
> 897 to other outlets in the house, same thing. My house is older and
> my outlets are NOT grounded, they are two wires. I suspect this is the
> problem ? How best to ground and see if this helps? The ideal solution
> would be to have a rewire job thru out the house but we can't do this
> right now, $$$. Would a ground rod placed outside the house with a
> wire from it to say the antenna tuner provide a good ground?

I am curious if you are using the same power supply for both radios. It could be the power supply that is picking up the noise and sending it to the radio.

Then again you could have RF gain turned up really high and that is picking up something that the kenwood didnt. I know that if its on SQL for FM and I goto HF I have to switch it to RF Gain and turn it down a bit because the noise level is high, but that seemed normal to me.

I personally put some ferrite chokes on the power leads that go into the radio, I also do not have any noise. I have used a hacked apart computer power supply and a astron RS35. Granted I have not compared noise readings on battery vs wall current, I have not used other radios to compare the same frequency at the same time with the same antenna etc. So I really dont know.

As for grounding I made a ground bus (copper pipe with ground strap attached by hose clamps) which goes to its own ground just outside. This seems to work for me, when I connect it to the ground screw on the radio it seems to help somewhat. I mounted the pipe onto a board, painted it black, used silver clamps to mount it to the board with brass screws so it looks pretty (contrast of colors looks nice).

An 8 foot copper clad steel grounding rod from lowes, 1 foot of copper pipe with end caps, clamps, screws, etc has a total cost of $20 or less, so it isnt a bad deal and seems to work fairly well. If you have rocky soil like I do you may have to cut the rod into 2-3 parts and drive them separately and bridge them with wire attached with grounding clamps.

To get the wires into the garage where I have my radios set up I just drilled a 1 1/4 inch hole and put some pvc in with weather hats on each end and stuffed insulation in the pipe. This gives me the ability to run easily 6 antenna wires and 1 ground strap through without crowding

and it keeps the rain and cold out. In a pinch I can probably run 9
antenna wires, but I do not have that many antennas (yet) so it does not
matter :) I sealed that pvc conduit with "great stuff" spray foam. The
total cost was under $10.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29197. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 19:37:03 UTC
From: George F
Topic: 29195 Message: 29197

Bart...

I have a same problems.....and I am living in modern luxury Condo... there is no treatment... FT-897D is FR noise grabber...

Rodrigez.

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

_____
The new Internet Explorer® 8 - Faster, safer, easier. Optimized for Yahoo! Get it Now for Free! at http://downloads.yahoo.com/ca/internetexplorer/

[Non-text portions of this message have been removed]

29198. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 19:46:51 UTC
From: Dean Nash
Topic: 29195 Message: 29198

Disagree. Modest home with NEC wiring and ZERO noise. There is something else going on in both places.

73 de N4SHD

From: George F <gefi_can@...>
To: FT897@yahoogroups.com
Sent: Sun, February 21, 2010 2:37:03 PM
Subject: Re: [FT897] Noise

Bart...

I have a same problems.... .and I am living in modern luxury Condo... there is
no treatment... FT-897D is FR noise grabber...

Rodrigez..

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

The new Internet Explorer® 8 - Faster, safer, easier. Optimized for Yahoo! Get it Now for Free! at http://downloads. yahoo.com/ ca/internetexplo rer/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29199. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 20:06:22 UTC
From: George F
Topic: 29195 Message: 29199

My only solution is Magnetic Loop anntena....

Rodrigez.

PS. those energy saving spiral balbs are worst for RF... and modems, routers, elevators, computers and printers, light dimmers.... and ...and...and... My signal reception is super
only after midnight...   Well, I am not living in the house... but Condos are like that...

--- On Sun, 2/21/10, Dean Nash <n4shd@...> wrote:

From: Dean Nash <n4shd@...>
Subject: Re: [FT897] Noise
To: FT897@yahoogroups.com
Received: Sunday, February 21, 2010, 2:46 PM

Disagree. Modest home with NEC wiring and ZERO noise. There is something else going on in both places.

73 de N4SHD

---------- --------- --------- --
From: George F <gefi_can@yahoo. com>
To: FT897@yahoogroups. com
Sent: Sun, February 21, 2010 2:37:03 PM
Subject: Re: [FT897] Noise

Bart...

I have a same problems.... .and I am living in modern luxury Condo... there is
no treatment... FT-897D is FR noise grabber...

Rodrigez..

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

---------- --------- --------- --------- --------- --------- -
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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

29200. RE: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 20:24:20 UTC
From: Joseph Richard
Topic: 29195 Message: 29200

Howdy,

By any chance did you unplug the antenna cable from the back of the set? If you did and you still hear the noise, you will have to send it in to have the filters replaced.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F
Sent: Sunday, February 21, 2010 2:06 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Noise

My only solution is Magnetic Loop anntena....

Rodrigez.

PS. those energy saving spiral balbs are worst for RF... and modems, routers, elevators, computers and printers, light dimmers.... and ...and...and... My signal reception is super only after midnight... Well, I am not living in the house... but Condos are like that...

--- On Sun, 2/21/10, Dean Nash <n4shd@...> wrote:

From: Dean Nash <n4shd@...>
Subject: Re: [FT897] Noise
To: FT897@yahoogroups.com
Received: Sunday, February 21, 2010, 2:46 PM

Disagree. Modest home with NEC wiring and ZERO noise. There is something else going on in both places.

73 de N4SHD

---------- --------- --------- --
From: George F <gefi_can@yahoo. com>
To: FT897@yahoogroups. com
Sent: Sun, February 21, 2010 2:37:03 PM
Subject: Re: [FT897] Noise

Bart...

I have a same problems.... .and I am living in modern luxury Condo... there is no treatment... FT-897D is FR noise grabber...

Rodrigez..

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

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Yahoo! Groups Links

29201. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 20:45:54 UTC
From: Bart Ragucci
Topic: 29195 Message: 29201

Hey JR,
I switch the antenna tuner to dummy load and the S7 drops to S3, switch back to antenna (G5RV) and back up to S7.
----- Original Message -----
From: Joseph Richard
To: FT897@yahoogroups.com
Sent: Sunday, February 21, 2010 3:24 PM
Subject: RE: [FT897] Noise

Howdy,

By any chance did you unplug the antenna cable from the back of the set? If you did and you still hear the noise, you will have to send it in to have the filters replaced.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F
Sent: Sunday, February 21, 2010 2:06 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Noise

My only solution is Magnetic Loop anntena....

Rodrigez.

PS. those energy saving spiral balbs are worst for RF... and modems, routers, elevators, computers and printers, light dimmers.... and ...and...and... My signal reception is super only after midnight... Well, I am not living in the house... but Condos are like that...

--- On Sun, 2/21/10, Dean Nash <n4shd@...> wrote:

From: Dean Nash <n4shd@...>
Subject: Re: [FT897] Noise
To: FT897@yahoogroups.com
Received: Sunday, February 21, 2010, 2:46 PM

Disagree. Modest home with NEC wiring and ZERO noise. There is something else going on in both places.

73 de N4SHD

---------- --------- --------- --
From: George F <gefi_can@yahoo. com>
To: FT897@yahoogroups. com

Sent: Sun, February 21, 2010 2:37:03 PM
Subject: Re: [FT897] Noise

Bart...

I have a same problems.... .and I am living in modern luxury Condo... there is no treatment... FT-897D is FR noise grabber...

Rodrigez..

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

29202. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 20:48:32 UTC
From: Bart Ragucci
Topic: 29195 Message: 29202

The 820 had an internal pwr supply, with the 897 I use a Pyramid 30amp unit to pwr the radio
----- Original Message -----
From: Trixter aka Bret McDanel
To: FT897@yahoogroups.com
Sent: Sunday, February 21, 2010 2:19 PM
Subject: Re: [FT897] Noise

On Sun, 2010-02-21 at 18:50 +0000, bragucci wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise"
> problem on the 820. The 897 however is a different story. When the
> furnace clicks on I get S7 noise, the refrig causes the same thing,
> dishwasher, you name it, if it has a motor I get S7 noise. I moved the
> 897 to other outlets in the house, same thing. My house is older and
> my outlets are NOT grounded, they are two wires. I suspect this is the
> problem ? How best to ground and see if this helps? The ideal solution
> would be to have a rewire job thru out the house but we can't do this
> right now, $$$. Would a ground rod placed outside the house with a
> wire from it to say the antenna tuner provide a good ground?

I am curious if you are using the same power supply for both radios. It could be the power supply that is picking up the noise and sending it to the radio.

Then again you could have RF gain turned up really high and that is picking up something that the kenwood didnt. I know that if its on SQL for FM and I goto HF I have to switch it to RF Gain and turn it down a bit because the noise level is high, but that seemed normal to me.

I personally put some ferrite chokes on the power leads that go into the radio, I also do not have any noise. I have used a hacked apart computer power supply and a astron RS35. Granted I have not compared noise readings on battery vs wall current, I have not used other radios to compare the same frequency at the same time with the same antenna etc. So I really dont know.

As for grounding I made a ground bus (copper pipe with ground strap attached by hose clamps) which goes to its own ground just outside. This seems to work for me, when I connect it to the ground screw on the radio it seems to help somewhat. I mounted the pipe onto a board, painted it black, used silver clamps to mount it to the board with brass screws so it looks pretty (contrast of colors looks nice).

An 8 foot copper clad steel grounding rod from lowes, 1 foot of copper pipe with end caps, clamps, screws, etc has a total cost of $20 or less,

so it isnt a bad deal and seems to work fairly well. If you have rocky soil like I do you may have to cut the rod into 2-3 parts and drive them separately and bridge them with wire attached with grounding clamps.

To get the wires into the garage where I have my radios set up I just drilled a 1 1/4 inch hole and put some pvc in with weather hats on each end and stuffed insulation in the pipe. This gives me the ability to run easily 6 antenna wires and 1 ground strap through without crowding and it keeps the rain and cold out. In a pinch I can probably run 9 antenna wires, but I do not have that many antennas (yet) so it does not matter :) I sealed that pvc conduit with "great stuff" spray foam. The total cost was under $10.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

29203. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 21:37:02 UTC
From: Peter Grant
Topic: 29195 Message: 29203

Hello Bret

Hope you are enjoying your FT897D,

Just a comment on the spray foam you use to fill the gap in the PVC pipe ! !

Polystyrene foam is not recommended near PVC piping or cables, it can degrade the PVC over time,,, that is the [white] foam which is used as a spray / pumped filler for brick cavity walls,,, or the polystyrene sheet which is used as insulation in walls and floors.

There is a good resin based spray foam available in cans which sets like a honeycomb, and is safe with PVC pipe and cable,,, it is manufactured for filling around PVC window and door frames ,wicked stuff to get off your hands,,, and must be used 100% once opened.

Regarding the rocky ground where you want to sink the earth spike,,,

There is an attachment for an electric demolition hammer,,, [a step up from a hammer drill] ... you hammer in the spike about 6 inches with a hammer,,, and then use the electric "hammer" to drive [vibrate] the spike down to its full depth, in one long piece. You could borrow one from your friendly plumber or electrician .,,, [or hire by the hour from your nearest tool hire shop]. depending on the diameter of the spike, you may need an adapter. you can also hire a masonry drill up to 5 feet long from your local hire shop.

This is seemingly not common knowledge outside the electrical trade.

73 _______ Peter EI4HX ei4hxperimental@...

PS. have you electrical continuity between the black painted pipe,,,, and the silver clamps ???
----- Original Message -----
From: Trixter aka Bret McDanel
To: FT897@yahoogroups.com
Sent: Sunday, February 21, 2010 7:19 PM
Subject: Re: [FT897] Noise

On Sun, 2010-02-21 at 18:50 +0000, bragucci wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise"
> problem on the 820. The 897 however is a different story. When the
> furnace clicks on I get S7 noise, the refrig causes the same thing,
> dishwasher, you name it, if it has a motor I get S7 noise. I moved the
> 897 to other outlets in the house, same thing. My house is older and
> my outlets are NOT grounded, they are two wires. I suspect this is the
> problem ? How best to ground and see if this helps? The ideal solution
> would be to have a rewire job thru out the house but we can't do this
> right now, $$$. Would a ground rod placed outside the house with a
> wire from it to say the antenna tuner provide a good ground?

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Then again you could have RF gain turned up really high and that is picking up something that the kenwood didnt. I know that if its on SQL for FM and I goto HF I have to switch it to RF Gain and turn it down a bit because the noise level is high, but that seemed normal to me.

I personally put some ferrite chokes on the power leads that go into the radio, I also do not have any noise. I have used a hacked apart computer power supply and a astron RS35. Granted I have not compared noise readings on battery vs wall current, I have not used other radios to compare the same frequency at the same time with the same antenna etc. So I really dont know.

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>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

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29204. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 23:13:48 UTC
From: Trixter aka Bret McDanel
Topic: 29195 Message: 29204

On Sun, 2010-02-21 at 21:37 +0000, Peter Grant wrote:
> Hello Bret
>
> Hope you are enjoying your FT897D,
>
> Just a comment on the spray foam you use to fill the gap in the PVC pipe ! !
>
> Polystyrene foam is not recommended near PVC piping or cables,

"great stuff" is not polystyrene.

>
> There is an attachment for an electric demolition hammer,,, [a step up from a hammer drill] ... you hammer in the spike about 6 inches with a hammer,,, and then use the electric "hammer" to drive [vibrate] the spike down to its full depth, in one long piece. You could borrow one from your friendly plumber or electrician .,,, [or hire by the hour from your nearest tool hire shop]. depending on the diameter of the spike, you may need an adapter. you can also hire a masonry drill up to 5 feet long from your local hire shop.
>
> This is seemingly not common knowledge outside the electrical trade.

No one in this county rents them, and paying someone to come out and
drive it is cost prohibitive. What I did by cutting it is documented in
ARRL books, and generally works well. The same surface area is in the
ground, the only difference is what is used to bridge the rods together.

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29205. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 23:19:31 UTC
From: Trixter aka Bret McDanel
Topic: 29195 Message: 29205

On Sun, 2010-02-21 at 12:06 -0800, George F wrote:
>
> PS. those energy saving spiral balbs are worst for RF

CFL are great for RF, if you want to take one apart and make a
transmitter that is :)

http://www.aa1tj.com/dasderelicht.html 80m CW transmitter
http://www.aa1tj.com/dasderelichtreceiver.html

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29206. Re: Power Settings FT897D

Yahoo group: FT897 (2010)
Date: 2010-02-22 06:07:37 UTC
From: RicardoH
Topic: 29145 Message: 29206

Rudi,

A three dB attenuator will cut you power in half. Making your 5W output a 2.5W output. I have never seen a pre-made PL259 attenuator. You could use resistors and build one, or use adapters to transform a N style attenuator. In purchasing or fabricating I would look for something capable of handling 10W

Ric KJ6DOY

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> The minimum power you can get on a FT897D is 5w if I'm not mistaken.
>
> I need to set my FT897D to +- 2.5 watt to drive my HF amplifer.
>
> Anyone knows how to do it and what settings I need ? (Probably it has something to do with the hidden menu.
>
> All info is welcome.
>
> Best 73 - Rudi - ON7Cl / KB8TAB.
>

29207. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-22 20:13:18 UTC
From: k3xt2002
Topic: 29195 Message: 29207

Bart:
The 897 is the first radio I ever owned where I can say the reciever IF has too much gain. In menu MFm, turn your IPO to on, this cuts off the first reciever preamp. I use IPO on 20-160 meters. I find this to cut down the noise while helping signals pop out from the existing noise. S-meter readings seem to be more normal as well.
Sean

--- In FT897@...m, "bragucci" <bragucci@...> wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
> Any ideas would help.
> Thx
> Bart
>

29208. Re: [FT897] Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-23 00:13:16 UTC
From: Bart Ragucci
Topic: 29195 Message: 29208

Well, I appreciate everyones help. I have used ALL the suggestions and have some improvement. From the responses I gather that noise is just something that comes with this particular radio and I'll need to "play" with settings to try and minimize it.
Thanks everyone, and if anyone else has any other ideas I'm always open.

Bart

----- Original Message -----
From: k3xt2002
To: FT897@yahoogroups.com
Sent: Monday, February 22, 2010 3:13 PM
Subject: [FT897] Re: Noise

Bart:
The 897 is the first radio I ever owned where I can say the reciever IF has too much gain. In menu MFm, turn your IPO to on, this cuts off the first reciever preamp. I use IPO on 20-160 meters. I find this to cut down the noise while helping signals pop out from the existing noise. S-meter readings seem to be more normal as well.
Sean

--- In FT897@yahoogroups.com, "bragucci" <bragucci@...> wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
> Any ideas would help.
> Thx
> Bart
>

[Non-text portions of this message have been removed]

29209. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 21:05:26 UTC
From: stephen coope
Topic: 29195 Message: 29209

Hi i have the same through the day on hf from 12 meters down which i now is by the bt and other broadband suppliers using the in line house wiring adapters which should be band they aren't strictly legal under eu law

29210. FS: Yaesu YF-122S SSB filter

Yahoo group: FT897 (2010)
Date: 2010-02-19 23:05:55 UTC
From: John Geiger
Topic: 29210 Message: 29210

I have for sale the Yaesu YF-122S 2.3khz SSB filter for the FT817/857/897 radios. Works fine and comes with original box. I am asking $95 shipped and can take paypal/check/MO.

73s John AA5JG

29211. Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 23:18:19 UTC
From: n0bnd Yahoo
Topic: 29195 Message: 29211

I would try powering with a battery and hooking to a dummy load. If you have no noise then hook to your p/s and see if you have noise. Then to your antenna. Basically a rule out game. Remember if you introduce a ground to your radio ONLY be careful not to touch any other conductive appliances connected to ungrounded outlets. In the end providing grounded outlets is best.

Joel Mueller

29212. Re: FT897 battery/charger value

Yahoo group: FT897 (2010)
Date: 2010-02-19 15:53:43 UTC
From: David Okrent
Topic: 29172 Message: 29212

In my opinion if a battery has been in general use for two years or more then its best to avoid them or make sure you are paying a price that won't bother you if you only get another 6 months of use. Not knowing how the battery was treated is of course the crap shoot and your level of uncertainty will be reflected in your decreasing purchase point.

If you are depending on those batteries for routine use, I think its best to buy them new, if for only emergencies then something used may be a better fit. Although some might argue the reveres. Not much help huh?

Work Email: david.a.okrent@boeing.com
Home Email: dokrent@...

29213. Re: [FT897] Noise

Yahoo group: FT897 (2010)
Date: 2010-02-21 19:50:11 UTC
From: John Geiger
Topic: 29195 Message: 29213

Have you tried turning on the IPO? The preamp in the FT897 does seem to be kind of noisy, and is unneeded on HF as the rig is plenty sensitive there as it is. I turn on the IPO and I see a S6 noise level go to nothing.

73s John AA5JG

--- On Sun, 2/21/10, Dean Nash <n4shd@...m> wrote:

From: Dean Nash <n4shd@...>
Subject: Re: [FT897] Noise
To: FT897@yahoogroups.com
Date: Sunday, February 21, 2010, 1:46 PM

Disagree. Modest home with NEC wiring and ZERO noise. There is something else going on in both places.

73 de N4SHD

---------- --------- --------- --
From: George F <gefi_can@yahoo. com>
To: FT897@yahoogroups. com
Sent: Sun, February 21, 2010 2:37:03 PM
Subject: Re: [FT897] Noise

Bart...

I have a same problems.... .and I am living in modern luxury Condo... there is
no treatment... FT-897D is FR noise grabber...

Rodrigez..

I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
Any ideas would help.
Thx
Bart

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[Non-text portions of this message have been removed]

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29214. Software Mars mod

Yahoo group: FT897 (2010)
Date: 2010-02-20 02:30:55 UTC
From: John Geiger
Topic: 29214 Message: 29214

I just purchased a used FT897 and I think it has had the software MARS mod done since the automatic repeater shift doesn't work on it. Also, the 60m channels are no longer stored in memory. Does the software mod remove the 60 meter channels? And is there a way to undo the software mod without actually having the programming software-like a full reset or something like that?

73s John AA5JG

29215. Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-02-21 05:20:35 UTC
From: Wayne Stephens
Topic: 29215 Message: 29215

I am looking at purchasing a desk microphone for my 897-D. Thoughts on this microphone or other suggestions?

Wayne

KD0AAA

[Non-text portions of this message have been removed]

29216. Re: [FT897] Software Mars mod

Yahoo group: FT897 (2010)
Date: 2010-02-23 08:03:36 UTC
From: Trixter aka Bret McDanel
Topic: 29214 Message: 29216

On Fri, 2010-02-19 at 18:30 -0800, John Geiger wrote:
>
> I just purchased a used FT897 and I think it has had the software MARS
> mod done since the automatic repeater shift doesn't work on it. Also,
> the 60m channels are no longer stored in memory. Does the software mod
> remove the 60 meter channels? And is there a way to undo the software
> mod without actually having the programming software-like a full reset
> or something like that?

a mars/cap mod, often incorrectly referred to as "freeband", will remove
60m and the repeater shift. You have to manually enter the 60m
frequencies and set the shift to what you want.

The mod does not matter if its hardware or software, if its software a
reset of the radio will remove it since that causes memory locations
00:04-00:05 to reflect the actual jumper state.

The software mod does not work on newer radios, I do not know when it
changed yet.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29217. Re: Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-02-23 11:42:56 UTC
From: M3WBS
Topic: 29215 Message: 29217

--- In FT897@yahoogroups.com, "Wayne Stephens" <kd0aaa@...> wrote:
>
> I am looking at purchasing a desk microphone for my 897-D. Thoughts on this
> microphone or other suggestions?
>
>
>
> Wayne
>
> KD0AAA
>
>
>
> [Non-text portions of this message have been removed]
>
Hi Wayne
I use an Adnois AM-508 on both of my 897D's. It has the advantage of being switchable on the bottom for FM or SSB. The Adnois on both radios always gets good reports on FM & SSB. And you have the advantage of being able to buy different leads for different radios, so you can use it ont he 897D or on just about any other radio in the shack.
I cant compare the Adnois to the MD-100 myself as I have never tried one, but I have heard a couple of reports that the MD-100 isn't too good on FM, it may be just a case of setting the MD-100 correctly, maybe other members can comment?
73
Steve

29218. Re: Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-02-23 12:39:55 UTC
From: Hank
Topic: 29215 Message: 29218

A few months ago, I bought an MD-100A8X for my FT-897D, and my opinion is mixed. On FM, it sounds great. I have the mic gain set at 35%, and have tweaked the settings with our local repeater group as my ears.

On SSB, it doesn't provide much drive at all. I have my mic gain set at 90%, and it's as if I don't have a mic plugged in at all. So when I get on HF, I have to switch back to my handheld that came with it. With the handheld mic, my mic is set to 50%, and I can easily make contacts.

At the Orlando Hamcation a few weeks ago, I talked to a few people who have had the same experience, and 1 even sent it in for repair, and when he received it back, had the same results.

I chose the MD-100 over the Heil GM-5 to save money, but it looks like it was not the right choice for me. I am now looking to just spend the money and buy the Heil GM-5.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Wayne Stephens" <kd0aaa@...> wrote:
>
> I am looking at purchasing a desk microphone for my 897-D. Thoughts on this
> microphone or other suggestions?
>
>
>
> Wayne
>
> KD0AAA
>
>
>
> [Non-text portions of this message have been removed]
>

29219. RE: [FT897] Software Mars mod

Yahoo group: FT897 (2010)
Date: 2010-02-23 12:52:51 UTC
From: Mike Ernst
Topic: 29214 Message: 29219

I believe I have it correct that the software mod stopped working when they went to the "D" model - which was I think beginning with lot 029.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Trixter aka Bret McDanel
Sent: Tuesday, February 23, 2010 3:04 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Software Mars mod

On Fri, 2010-02-19 at 18:30 -0800, John Geiger wrote:
>
> I just purchased a used FT897 and I think it has had the software MARS
> mod done since the automatic repeater shift doesn't work on it. Also,
> the 60m channels are no longer stored in memory. Does the software mod
> remove the 60 meter channels? And is there a way to undo the software
> mod without actually having the programming software-like a full reset
> or something like that?

a mars/cap mod, often incorrectly referred to as "freeband", will remove 60m and the repeater shift. You have to manually enter the 60m frequencies and set the shift to what you want.

The mod does not matter if its hardware or software, if its software a reset of the radio will remove it since that causes memory locations 00:04-00:05 to reflect the actual jumper state.

The software mod does not work on newer radios, I do not know when it changed yet.
>
--
Trixter http://www.0xdecafb <http://www.0xdecafbad.com> ad.com Bret McDanel
pgp key: http://pgp.mit.
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

29220. Re: Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-02-23 17:12:26 UTC
From: w4yn
Topic: 29215 Message: 29220

I am having some mic input problems with mine right now but previously I always had great audio reports when using the MD100, not so great with MD 200 though.
Tim W4YN

--- In FT897@yahoogroups.com, "Wayne Stephens" <kd0aaa@...> wrote:
>
> I am looking at purchasing a desk microphone for my 897-D. Thoughts on this
> microphone or other suggestions?
>
>
>
> Wayne
>
> KD0AAA
>
>
>
> [Non-text portions of this message have been removed]
>

29221. Re: [FT897] Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-23 21:03:56 UTC
From: Danny Loyd
Topic: 29195 Message: 29221

Bart, et al,

I have found that if I use the ATT setting instead of the IPO setting in menu MFm, my noise drops to almost nothing and the incoming signal is clear and very easy to copy. This works great for me on 20-80 meters.

Danny
KE5WDI

From: k3xt2002 <baxinternet@...>
To: FT897@yahoogroups.com
Sent: Mon, February 22, 2010 2:13:18 PM
Subject: [FT897] Re: Noise

Bart:
The 897 is the first radio I ever owned where I can say the reciever IF has too much gain. In menu MFm, turn your IPO to on, this cuts off the first reciever preamp. I use IPO on 20-160 meters. I find this to cut down the noise while helping signals pop out from the existing noise. S-meter readings seem to be more normal as well.
Sean

--- In FT897@yahoogroups. com, "bragucci" <bragucci@.. .> wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
> Any ideas would help.
> Thx
> Bart
>

[Non-text portions of this message have been removed]

29222. Re: Software Mars mod

Yahoo group: FT897 (2010)
Date: 2010-02-24 00:15:40 UTC
From: NM7L
Topic: 29214 Message: 29222

As I recall the software mod functioned on the earliest lots of the "D" model. It was at the behest of the FCC that Yaesu disabled any software modification capability: MARS mods after this point were only available via bridging the solder pads internally.

Which brings up the question to John (AA5JG): If what you have is a FT-897 model then 60m channels weren't available and naturally, you would not find them in memory! However, if what you have is a "D" model then yes, 60m channels would be disabled in memory along with disabling the auto repeater offset.

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> I believe I have it correct that the software mod stopped working when they
> went to the "D" model - which was I think beginning with lot 029.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Trixter aka Bret McDanel
> Sent: Tuesday, February 23, 2010 3:04 AM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Software Mars mod
>
>
>
>
>
> On Fri, 2010-02-19 at 18:30 -0800, John Geiger wrote:
> >
> > I just purchased a used FT897 and I think it has had the software MARS
> > mod done since the automatic repeater shift doesn't work on it. Also,
> > the 60m channels are no longer stored in memory. Does the software mod
> > remove the 60 meter channels? And is there a way to undo the software
> > mod without actually having the programming software-like a full reset
> > or something like that?
>
> a mars/cap mod, often incorrectly referred to as "freeband", will remove
> 60m and the repeater shift. You have to manually enter the 60m

> frequencies and set the shift to what you want.
>
> The mod does not matter if its hardware or software, if its software a
> reset of the radio will remove it since that causes memory locations
> 00:04-00:05 to reflect the actual jumper state.
>
> The software mod does not work on newer radios, I do not know when it
> changed yet.
> >
> --
> Trixter http://www.0xdecafb <http://www.0xdecafbad.com> ad.com Bret McDanel
> pgp key: http://pgp.mit.
> <http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
> edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29223. Re: Software Mars mod

Yahoo group: FT897 (2010)
Date: 2010-02-24 10:54:13 UTC
From: Peter Robinson
Topic: 29214 Message: 29223

Mike is quite right about that. If you want the hardware mod for the D model, contact me off list and I will send diect to bona fide amateurs.

73 de Peter GØFIM / AA3JN

[Non-text portions of this message have been removed]

29224. I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 01:43:21 UTC
From: Ben Ramler
Topic: 29224 Message: 29224

How are you,I hope all is well at home and work,I'm writing you this with tears in my eyes,as many of you have not responded to my last email and i guess you don't seem to be of help after when i told you about my difficulties here in United Kingdomi write to let you know i misplaced my wallet on my way heading back to my hotel room from the Starbucks coffee shop.Presently i have limited access to internet and would like you to assist me with a loan of 1,540 Pounds to sort-out my hotel bills and to get myself back home because my wallet consist of all my money,phone,diary and my boarding pass(Return Ticket).

I have spoken to the embassy here but they are not responding to matters effectively,I'll Refund the money back to you as soon as i'm back home,I would have love you to call me but don't have a phone where i can be reached.
let me know if you can be of any help,I will appreciate whatever you can afford to assist me with, do get back to me immediately as you receive this email in order for me to let you know where to send the money.

I know this email sounds strange but i did send it

Thanks
Ben

29225. Re: [FT897] I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 02:57:53 UTC
From: Chuck Williams
Topic: 29224 Message: 29225

I saw this message on another Yahoo group. Ben's Yahoo account has apparently been hacked. Be careful with your replies.

Chuck W.

----- Original Message -----
From: Ben Ramler
To: 1@...
Sent: Wednesday, February 24, 2010 7:43 PM
Subject: [FT897] I NEED YOUR HELP URGENTLY...

How are you,I hope all is well at home and work,I'm writing you this with tears in my eyes,as many of you have not responded to my last email and i guess you don't seem to be of help after when i told you about my difficulties here in United Kingdomi write to let you know i misplaced my wallet on my way heading back to my hotel room from the Starbucks coffee shop.Presently i have limited access to internet and would like you to assist me with a loan of 1,540 Pounds to sort-out my hotel bills and to get myself back home because my wallet consist of all my money,phone,diary and my boarding pass(Return Ticket).

I have spoken to the embassy here but they are not responding to matters effectively,I'll Refund the money back to you as soon as i'm back home,I would have love you to call me but don't have a phone where i can be reached.
let me know if you can be of any help,I will appreciate whatever you can afford to assist me with, do get back to me immediately as you receive this email in order for me to let you know where to send the money.

I know this email sounds strange but i did send it

Thanks
Ben

[Non-text portions of this message have been removed]

29226. Re: [FT897] I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 04:11:25 UTC
From: Gary Altig
Topic: 29224 Message: 29226

DE N7UVL,
It has the characteristics of the typical Nigerian money scam./ga

----- Original Message -----
From: Chuck Williams<mailto:cwilliams@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, February 24, 2010 6:57 PM
Subject: Re: [FT897] I NEED YOUR HELP URGENTLY...

I saw this message on another Yahoo group. Ben's Yahoo account has apparently been hacked. Be careful with your replies.

Chuck W.

----- Original Message -----
From: Ben Ramler
To: 1@...<mailto:1@...>
Sent: Wednesday, February 24, 2010 7:43 PM
Subject: [FT897] I NEED YOUR HELP URGENTLY...

How are you,I hope all is well at home and work,I'm writing you this with tears in my eyes,as many of you have not responded to my last email and i guess you don't seem to be of help after when i told you about my difficulties here in United Kingdomi write to let you know i misplaced my wallet on my way heading back to my hotel room from the Starbucks coffee shop.Presently i have limited access to internet and would like you to assist me with a loan of 1,540 Pounds to sort-out my hotel bills and to get myself back home because my wallet consist of all my money,phone,diary and my boarding pass(Return Ticket).

I have spoken to the embassy here but they are not responding to matters effectively,I'll Refund the money back to you as soon as i'm back home,I would have love you to call me but don't have a phone where i can be reached.
let me know if you can be of any help,I will appreciate whatever you can afford to assist me with, do get back to me immediately as you receive this email in order for me to let you know where to send the money.

I know this email sounds strange but i did send it

Thanks
Ben

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29227. ATAS/FC30/FC40 protocol

Yahoo group: FT897 (2010)
Date: 2010-02-23 15:30:55 UTC
From: pakjan830
Topic: 29227 Message: 29227

Hi all,

I use my FT897D with a SGC239 autotuner into a random wire antenna occasionally and am very happy with the setup. I tune it by switching the radio to AM mode and transmitting an unmodulated carrier (at 25W) until the tuner locks in.

Of course I would prefer to initiate the tuning sequence with the tune button, same as with the ATAS or FC30. From what I can see the communication between the FC30 and the 897 happens via the CAT port which of course is less than desirable as I need that for other purposes. Anyway, for further analysis I would like to understand if anyone has ever taken the time to analyze the serial protocol between tuner (or ATAS) and rig and has documented it?

73 de Jan

29228. Favorite mic for the 897D

Yahoo group: FT897 (2010)
Date: 2010-02-25 04:32:54 UTC
From: Sean and Lanie
Topic: 29228 Message: 29228

How do the Heil mics perform on this rig?
Thanks!

29229. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-23 10:23:20 UTC
From: gretske
Topic: 29195 Message: 29229

I have an FT897D and a TS-940. While both of them had a high noise level, the 897 could not hear at all, where the 940 could, if I cut in the attenuator. After methodically turning off the breakers in the house one at a time, I found a Ryobi charger that was putting out more RF than VoA!

I now leave it unplugged except when charging, but it was interesting that the RF hash affected the 897 far more than it did the 940. And, the 897 has all those fancy DSPs, etc. that are supposed to help it with noise. I think the front end is easily swamped. Cutting in the IPO does not work, because it is after the suspect front end. The 940 has an attenuator before the preamp, which the 897 does not.

-gene

--- In FT897@yahoogroups.com, "bragucci" <bragucci@...> wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
> Any ideas would help.
> Thx
> Bart
>

29230. Yaesu FT857/FT897 on FM satellites

Yahoo group: FT897 (2010)
Date: 2010-02-24 17:08:28 UTC
From: John Geiger
Topic: 29230 Message: 29230

Is anyone on the list using a Yaesu FT857D or FT897D on the FM satellites? If so, could you please email me direct as I have a couple of questions I want to ask about them.

73s John AA5JG

29231. Re: MD-100

Yahoo group: FT897 (2010)
Date: 2010-02-23 15:36:13 UTC
From: Brian North
Topic: 8545 Message: 29231

I have an MD-100 A8X and I swear by it, especially as I have tried various other mics, it is great on both HF and FM, superb unsolicited reports, here's one operator that is a 100 fan!!

Regards.
Brian. (2E0BWQ)

[Non-text portions of this message have been removed]

29232. Re: [FT897] Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-25 06:31:20 UTC
From: Gary Altig
Topic: 29195 Message: 29232

DE N7UVL,
Noise can get in and affect Radios differently. AC Line; RF via
antenna input; AC/RF via other lines that have access past
the chassis shielding; Un-terminated chassis connectors
are a few.
-DSP's work on the audio presentations and are usually
adjustable for individuals hearing/mind computations.
They are not a catch-all. DSP settings for one person may
not work for another person.
-Some chargers can create both AC line noise and RF noise./ga

----- Original Message -----
From: gretske<mailto:gretske@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, February 23, 2010 2:23 AM
Subject: [FT897] Re: Noise

I have an FT897D and a TS-940. While both of them had a high noise level, the 897 could not hear at all, where the 940 could, if I cut in the attenuator. After methodically turning off the breakers in the house one at a time, I found a Ryobi charger that was putting out more RF than VoA!

I now leave it unplugged except when charging, but it was interesting that the RF hash affected the 897 far more than it did the 940. And, the 897 has all those fancy DSPs, etc. that are supposed to help it with noise. I think the front end is easily swamped. Cutting in the IPO does not work, because it is after the suspect front end. The 940 has an attenuator before the preamp, which the 897 does not.

-gene

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "bragucci" <bragucci@...> wrote:
>
> I replaced my Kenwood TS820 with the FT-897D. I never had a "noise" problem on the 820. The 897 however is a different story. When the furnace clicks on I get S7 noise, the refrig causes the same thing, dishwasher, you name it, if it has a motor I get S7 noise. I moved the 897 to other outlets in the house, same thing. My house is older and my outlets are NOT grounded, they are two wires. I suspect this is the problem ? How best to ground and see if this helps? The ideal solution would be to have a rewire job thru out the house but we can't do this right now, $$$. Would a ground rod placed outside the house with a wire from it to say the antenna tuner provide a good ground?
> Any ideas would help.
> Thx
> Bart
>

[Non-text portions of this message have been removed]

29233. Re: Favorite mic for the 897D

Yahoo group: FT897 (2010)
Date: 2010-02-25 12:07:48 UTC
From: nr3r15
Topic: 29228 Message: 29233

--- In FT897@yahoogroups.com, "Sean and Lanie" <kamaaina1@...> wrote:
>
> How do the Heil mics perform on this rig?

The Heil mic is GREAT on my 897 and 817. Very big difference between that and stock mic. I even have an adapter for the "Heil Traveler" headset to use on my FT7 hand held. You wont go wrong with them and the support system is also top notch.

Larry / nr3r

29234. Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 12:24:17 UTC
From: ke5dfr@sbcglobal.net
Topic: 29224 Message: 29234

My Yahoo email account was hacked a couple of months back with a sililiar email. I did not know I had so few friends....not a single person sent me the money, but I did hear from a few stating Tough Luck.

Better run MalWare and clean up your computers.

KE5DFR

29235. Re: [FT897] Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 12:38:43 UTC
From: Richard Corfield
Topic: 29224 Message: 29235

How does the scammer hope to get the money? Or have they taken over the account so can receive helpful replies?

- Richard

[Non-text portions of this message have been removed]

29236. Re: [FT897] Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 12:50:59 UTC
From: Florentin Nastase
Topic: 29224 Message: 29236

He is "fishing", I marked the original message "SPAM" !
73's
Florentin

--- On Thu, 2/25/10, Richard Corfield <richard.corfield@...> wrote:

From: Richard Corfield <richard.corfield@...>
Subject: Re: [FT897] Re: I NEED YOUR HELP URGENTLY...
To: FT897@yahoogroups.com
Date: Thursday, February 25, 2010, 4:38 AM

How does the scammer hope to get the money? Or have they taken over the
account so can receive helpful replies?

- Richard

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29237. Audio FT-897

Yahoo group: FT897 (2010)
Date: 2010-02-25 13:51:34 UTC
From: wayner_santos
Topic: 29237 Message: 29237

Hello to all, I have a FT-897D and taste a lot of working audio. I use some equipments of Behringer and he/she would like to know how I alter the band passer-by of FT-897, if some friend please knows helps me.
Wayner
Rio de Janeiro
Brasil

29238. RE: [FT897] Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-25 14:48:53 UTC
From: Ken Bandy
Topic: 29224 Message: 29238

It's not necessarily a "hack". It's very easy to "assume another identity" by simply changing the return information on your email client. There are measures that can be taken on the server end that are supposed to verify that the "return" address is really where the message came from, but they're cumbersome and not perfect. I have my account set that way, and I still will see from time to time a message that has my return on it that didn't come from me.

Just my observation.

Ken
KJ9B

> -----Original Message-----
> From: ke5dfr@... [mailto:ke5dfr@...]
> Sent: Thursday, February 25, 2010 7:24 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: I NEED YOUR HELP URGENTLY...
>
>
> My Yahoo email account was hacked a couple of months back
> with a sililiar email. I did not know I had so few
> friends....not a single person sent me the money, but I did
> hear from a few stating Tough Luck.
>
> Better run MalWare and clean up your computers.
>
> KE5DFR

29239. Re: Favorite mic for the 897D

Yahoo group: FT897 (2010)
Date: 2010-02-25 19:42:42 UTC
From: Jay
Topic: 29228 Message: 29239

I both the Yaesu Desk Mic (MD-100A8X) and the Heil Pro headset with the HC-5 element. I have to say they both perform nicely. I have received complements on both for the quality of the audio. YMMV

Jay
--- In FT897@yahoogroups.com, "Sean and Lanie" <kamaaina1@...> wrote:
>
> How do the Heil mics perform on this rig?
> Thanks!
>

29240. Re: [FT897] Favorite mic for the 897D

Yahoo group: FT897 (2010)
Date: 2010-02-25 23:52:59 UTC
From: Curt Givens
Topic: 29228 Message: 29240

I use a BM10 Boom set with the #4 element and have no complaints so far.

de Curt KC8STE 73

--- On Wed, 2/24/10, Sean and Lanie <kamaaina1@...t> wrote:

From: Sean and Lanie <kamaaina1@...>
Subject: [FT897] Favorite mic for the 897D
To: FT897@yahoogroups.com
Date: Wednesday, February 24, 2010, 11:32 PM

How do the Heil mics perform on this rig?

Thanks!

[Non-text portions of this message have been removed]

29241. Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-26 01:31:07 UTC
From: mikebenack
Topic: 29224 Message: 29241

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> It has the characteristics of the typical Nigerian money scam./ga
>
> ----- Original Message -----
> From: Chuck Williams<mailto:cwilliams@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Wednesday, February 24, 2010 6:57 PM
> Subject: Re: [FT897] I NEED YOUR HELP URGENTLY...
>
>
>
> I saw this message on another Yahoo group. Ben's Yahoo account has apparently been hacked. Be careful with your replies.
>
> Chuck W.

> How are you,I hope all is well at home and work,I'm writing you this with tears in my eyes

I had a cousin traveling in Europe about a year ago and her account was hacked and the very same message was sent to everyone in her address list. Total scam.
Mike KG6VH
>

29242. RE: [FT897] Re: I NEED YOUR HELP URGENTLY...

Yahoo group: FT897 (2010)
Date: 2010-02-26 04:24:43 UTC
From: Jeremy - KD4LCR
Topic: 29224 Message: 29242

Worse yet no self respecting ham wouldn't have signed a message minus their callsign, just my observation.. lol!

Jeremy

N4JIK <-- See callsign!

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of mikebenack
Sent: Thursday, February 25, 2010 7:31 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: I NEED YOUR HELP URGENTLY...

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> It has the characteristics of the typical Nigerian money scam./ga
>
> ----- Original Message -----
> From: Chuck Williams<mailto:cwilliams@...>
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com<mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>
> Sent: Wednesday, February 24, 2010 6:57 PM
> Subject: Re: [FT897] I NEED YOUR HELP URGENTLY...
>
>
>
> I saw this message on another Yahoo group. Ben's Yahoo account has apparently been hacked. Be careful with your replies.
>
> Chuck W.

> How are you,I hope all is well at home and work,I'm writing you this with tears in my eyes

I had a cousin traveling in Europe about a year ago and her account was hacked and the very same message was sent to everyone in her address list.
Total scam.
Mike KG6VH
>

[Non-text portions of this message have been removed]

29243. Re: ATAS/FC30/FC40 Protocol

Yahoo group: FT897 (2010)
Date: 2010-02-25 11:38:03 UTC
From: Nicholas Pascoe
Topic: 29243 Message: 29243

.Hi Jan,
I haven't tried this myself yet but have a look at

http://www.eham.net/articles/8013

73, Ray

29244. Not powering up!

Yahoo group: FT897 (2010)
Date: 2010-02-26 04:54:00 UTC
From: Sean and Lanie
Topic: 29244 Message: 29244

I have voltage to DC power cord, but rig does not power up. I did the MARS/CAP solder mod a few days ago, and was working fine, but now, rig does not turn on. Ant suggestions?
Thanks!

29245. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-25 17:13:21 UTC
From: David Okrent
Topic: 29195 Message: 29245

Do I like the FT897D, yes overall I do. I like having the band coverage in one rig. Do I regret replacing my TS440SAT, yes. Why? Because the audio on the TS440SAT was much better, it rejected INMOD much better on 160 meters and it had less noise. Does the DSP work, in my opinion not much. Would I buy this rig again. NO! After an antenna the receiver's noise rejection is the next important factor to me now.

29246. Re: [FT897] Not powering up!

Yahoo group: FT897 (2010)
Date: 2010-02-26 06:02:02 UTC
From: Gary Altig
Topic: 29244 Message: 29246

DE N7UVL,
Both Switches turned on?/ga

----- Original Message -----
From: Sean and Lanie<mailto:kamaaina1@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 25, 2010 8:54 PM
Subject: [FT897] Not powering up!

I have voltage to DC power cord, but rig does not power up. I did the MARS/CAP solder mod a few days ago, and was working fine, but now, rig does not turn on. Ant suggestions?
Thanks!

[Non-text portions of this message have been removed]

29247. Re: [FT897] Not powering up!

Yahoo group: FT897 (2010)
Date: 2010-02-26 06:17:27 UTC
From: Gary Altig
Topic: 29244 Message: 29247

DE N7UVL,
To elaborate a bit. You did not mention what your 13.8VDC
source was. If its from the FB-30 Power Supply, that's one
rocker switch, which regardless as to whether its an FB-30
or some other source, you've already stated you have DC
power.
-On to the other 2 switches. Radio power rocker switch on top.
and then the front panel push button. Which were the 2 switches
I was referring to./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 25, 2010 10:02 PM
Subject: Re: [FT897] Not powering up!

DE N7UVL,
Both Switches turned on?/ga

----- Original Message -----
From: Sean and Lanie<mailto:kamaaina1@...<mailto:kamaaina1@...>>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com><mailto:FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>>
Sent: Thursday, February 25, 2010 8:54 PM
Subject: [FT897] Not powering up!

I have voltage to DC power cord, but rig does not power up. I did the MARS/CAP solder mod a few days ago, and was working fine, but now, rig does not turn on. Ant suggestions?
Thanks!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29248. Re: [FT897] Not powering up!

Yahoo group: FT897 (2010)
Date: 2010-02-26 06:33:23 UTC
From: Gary Altig
Topic: 29244 Message: 29248

DE N7UVL,
As I continue to "shoot my self in the Foot", My apologies.
The Rocker switch on top of the Radio is only to select
either the A or B battery feed./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 25, 2010 10:17 PM
Subject: Re: [FT897] Not powering up!

DE N7UVL,
To elaborate a bit. You did not mention what your 13.8VDC
source was. If its from the FB-30 Power Supply, that's one
rocker switch, which regardless as to whether its an FB-30
or some other source, you've already stated you have DC
power.
-On to the other 2 switches. Radio power rocker switch on top.
and then the front panel push button. Which were the 2 switches
I was referring to./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...<mailto:garylaltig%40msn.com>>
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mai
lto:FT897%40yahoogroups.com>>
Sent: Thursday, February 25, 2010 10:02 PM
Subject: Re: [FT897] Not powering up!

DE N7UVL,
Both Switches turned on?/ga

----- Original Message -----
From: Sean and Lanie<mailto:kamaaina1@...<mailto:kamaaina1%40comcast.net><mailto:kamaaina1
@...<mailto:kamaaina1%40comcast.net>>>
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mai
lto:FT897%40yahoogroups.com>><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
<mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>>>
Sent: Thursday, February 25, 2010 8:54 PM
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I have voltage to DC power cord, but rig does not power up. I did the MARS/CAP solder mod a
few days ago, and was working fine, but now, rig does not turn on. Ant suggestions?
Thanks!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29249. Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-26 07:08:20 UTC
From: wb9sjz
Topic: 29249 Message: 29249

I sure hope that not many people have to send their 897d into the Yaesu Service Center in California for service is it takes forever to get it done and get back to you !!! They do NOT communicate with you unless you keep calling them!!!!!!

I am an Official Observer here in Indiana and I can honestly say that Yaesu does NOT have the Quality that it used to have at all !!! I hope that Toyota has not bought a part share in the Yaesu Company as that would explain a lot when it comes to the loss of quality on these radios by Yaesu!

29250. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-26 12:23:26 UTC
From: Bart Ragucci
Topic: 29195 Message: 29250

Very well said! I do miss my TS820, no random static crashes, no S8 noise.
Live and learn I guess.

Bart

[Non-text portions of this message have been removed]

29251. Re: No voltage at CAT jack

Yahoo group: FT897 (2010)
Date: 2010-02-26 14:51:35 UTC
From: Risk
Topic: 22223 Message: 29251

Hi guys, I know youve all been over this before.

However, I have an FT-897 Service Manual, but I have an FT-897D. Now I am pin pointing to where I "THINK" that F1001 is in the unit, but as there are subtle differences, Id rather not muck around with it.

Has anyone here got access to a diagram showing where the location of F1001 (or equivilant that is if it is a different designation in the FT-897D). Unfortunately I dont have the manual for this unit.

Cheers

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Lemmerman \"Charley\" Kroh Sr" <luffnutt@...> wrote:
>
> I bought a used FT-897 at a Hamfest. It was in pristine shape and had
> two new FNB-78 batteries. After a little research on the serial number
> found out it was made in June 2002. Knowing the Yaesu antenna tuners do
> not have a very wide range,(Got an FC 20, for a FT-847 for sale!) I
> bought an LDG AT-897 bolt on. I did not work. Not even a light in the
> LED. Traced that down to no 13.8 volts at the CAT jack. Checked the
> schematic and they put a 3.15 amp fuse in that line, so I went looking
> for it. 99% surface mounted components, and the silk screening shows
> the Jack number and filters places but very little else, i.e. no
> components like capacitors, resistors and inductors. I suspect it is
> a "fuse blok" but even with magnifying glass, no component says fuse or
> 3.15A on it. Made a connection to the LDG AT-897 board and connected it
> to 12 volts and the antenna tuner works like they said it would.
> E-mailed Yaesu Tech Support and they suggested I send the radio back to
> them. Anybody out there in FT-897 land have any suggestion? Know where
> the fuse F001 is located? I really don't want to send it back to Yaesu;
> warrenty has long since expired.
> Charley KC3KN
>

29252. RE: [FT897] Re: No voltage at CAT jack

Yahoo group: FT897 (2010)
Date: 2010-02-26 17:49:41 UTC
From: Mike Ernst
Topic: 22223 Message: 29252

Jason,

The service manual for the FT-897 is also for the FT-897D according to Yaesu. The only thing that changed between the two models was software programming to add the new WARC bands.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Risk
Sent: Friday, February 26, 2010 9:52 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: No voltage at CAT jack

Hi guys, I know youve all been over this before.

However, I have an FT-897 Service Manual, but I have an FT-897D. Now I am pin pointing to where I "THINK" that F1001 is in the unit, but as there are subtle differences, Id rather not muck around with it.

Has anyone here got access to a diagram showing where the location of F1001 (or equivilant that is if it is a different designation in the FT-897D). Unfortunately I dont have the manual for this unit.

Cheers

Jason
VK2WAR

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Lemmerman \"Charley\" Kroh Sr" <luffnutt@...> wrote:
>
> I bought a used FT-897 at a Hamfest. It was in pristine shape and had
> two new FNB-78 batteries. After a little research on the serial number
> found out it was made in June 2002. Knowing the Yaesu antenna tuners do
> not have a very wide range,(Got an FC 20, for a FT-847 for sale!) I
> bought an LDG AT-897 bolt on. I did not work. Not even a light in the
> LED. Traced that down to no 13.8 volts at the CAT jack. Checked the
> schematic and they put a 3.15 amp fuse in that line, so I went looking
> for it. 99% surface mounted components, and the silk screening shows
> the Jack number and filters places but very little else, i.e. no
> components like capacitors, resistors and inductors. I suspect it is
> a "fuse blok" but even with magnifying glass, no component says fuse or
> 3.15A on it. Made a connection to the LDG AT-897 board and connected it
> to 12 volts and the antenna tuner works like they said it would.

> E-mailed Yaesu Tech Support and they suggested I send the radio back to
> them. Anybody out there in FT-897 land have any suggestion? Know where
> the fuse F001 is located? I really don't want to send it back to Yaesu;
> warrenty has long since expired.
> Charley KC3KN
>

[Non-text portions of this message have been removed]

29253. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-26 20:05:56 UTC
From: Steve Yates
Topic: 29195 Message: 29253

I hope that you are using the IPO (pre-amp off), attenuator, and RF Gain to your advantage as the manual suggests. On 7 MHz and below I always have the attenuator on and the IPO is on (pre-amp off) until I get above 21 MHz at least. The rig has a lot of receiver gain in case you need it, like for a Beverage receive antenna. With normal antennas at lower frequencies you don't need all of the gain. Too much gain and all of the noise is compressed by the AGC to the same level as the desired signals and this will make the receiver seem "noisy".

When used properly I don't perceive any noise issues with my FT-897D. I agree with you somewhat about the audio DSP. The automatic notch filter is almost worthless. I've had it work only a little bit on rare circumstances. The DSP bandpass filter works great as long as you also use the RF Gain control to keep signals out of the DSP passband from "pumping" the AGC.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> Do I like the FT897D, yes overall I do. I like having the band coverage in one
> rig. Do I regret replacing my TS440SAT, yes. Why? Because the audio on the
> TS440SAT was much better, it rejected INMOD much better on 160 meters and it
> had less noise. Does the DSP work, in my opinion not much. Would I buy this
> rig again. NO! After an antenna the receiver's noise rejection is the next
> important factor to me now.
>

29254. Re: No voltage at CAT jack

Yahoo group: FT897 (2010)
Date: 2010-02-26 20:12:33 UTC
From: Risk
Topic: 22223 Message: 29254

Hi Mike, and Everyone,

Thanx for the post mate, as a matter of fact, Thomas DG8FBV just sent
me the details that I needed.

There is a difference between the two boards and the service manuals do reflect the new arrangements of the real estate.

In the new board (Lot 25+), Q1108 (2SD2211) is moved away from where it is on the first board, you may note Jumper J1027 is included in this iteration of the board also. R1529 is now on the board in the position where Q1108 maintained in earlier boards. In fact, Im still trying to locate it actually but its not important for me at this stage.

What I *thought* was the right fuse in fact was. The Fuse itself has the number *3* stamped on it. I had already noticed this, and compared it to the file in the group files section labelled FT-897 ACC Fuse Placement-1. I just wanted to be sure that that was exactly what I looked for. I already had an open circuit reading from my multimeter so it was a pretty good bet.

I just wanted to make sure before I correct it with a poly switch as I am about to sell it at a HAM Fest here in New South Wales Australia tomorrow.

So thankyou all for posting or emailing, I really appreciate it.

Cheers and 73's

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> Jason,
>
>
>
> The service manual for the FT-897 is also for the FT-897D according to
> Yaesu. The only thing that changed between the two models was software
> programming to add the new WARC bands.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>

> _____
>
> From: FT897@...m [mailto:FT897@yahoogroups.com] On Behalf Of Risk
> Sent: Friday, February 26, 2010 9:52 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: No voltage at CAT jack
>
>
>
>
>
> Hi guys, I know youve all been over this before.
>
> However, I have an FT-897 Service Manual, but I have an FT-897D. Now I am
> pin pointing to where I "THINK" that F1001 is in the unit, but as there are
> subtle differences, Id rather not muck around with it.
>
> Has anyone here got access to a diagram showing where the location of F1001
> (or equivilant that is if it is a different designation in the FT-897D).
> Unfortunately I dont have the manual for this unit.
>
> Cheers
>
> Jason
> VK2WAR
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Lemmerman
> \"Charley\" Kroh Sr" <luffnutt@> wrote:
> >
> > I bought a used FT-897 at a Hamfest. It was in pristine shape and had
> > two new FNB-78 batteries. After a little research on the serial number
> > found out it was made in June 2002. Knowing the Yaesu antenna tuners do
> > not have a very wide range,(Got an FC 20, for a FT-847 for sale!) I
> > bought an LDG AT-897 bolt on. I did not work. Not even a light in the
> > LED. Traced that down to no 13.8 volts at the CAT jack. Checked the
> > schematic and they put a 3.15 amp fuse in that line, so I went looking
> > for it. 99% surface mounted components, and the silk screening shows
> > the Jack number and filters places but very little else, i.e. no
> > components like capacitors, resistors and inductors. I suspect it is
> > a "fuse blok" but even with magnifying glass, no component says fuse or
> > 3.15A on it. Made a connection to the LDG AT-897 board and connected it
> > to 12 volts and the antenna tuner works like they said it would.
> > E-mailed Yaesu Tech Support and they suggested I send the radio back to
> > them. Anybody out there in FT-897 land have any suggestion? Know where
> > the fuse F001 is located? I really don't want to send it back to Yaesu;
> > warrenty has long since expired.
> > Charley KC3KN
> >
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

29255. Re: Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-26 20:16:13 UTC
From: Steve Yates
Topic: 29249 Message: 29255

Sorry to hear that you are having problems. Do you care to elaborate on the types of quality problems you are having with your FT-897D Mr. Official Observer?

Steve - AA5TB

--- In FT897@yahoogroups.com, "wb9sjz" <wb9sjz@...> wrote:
>
> I sure hope that not many people have to send their 897d into the Yaesu Service Center in California for service is it takes forever to get it done and get back to you !!! They do NOT communicate with you unless you keep calling them!!!!!!
>
> I am an Official Observer here in Indiana and I can honestly say that Yaesu does NOT have the Quality that it used to have at all !!! I hope that Toyota has not bought a part share in the Yaesu Company as that would explain a lot when it comes to the loss of quality on these radios by Yaesu!
>

29256. Re: wrong "mode" adding log entry on HRD

Yahoo group: FT897 (2010)
Date: 2010-02-27 00:42:22 UTC
From: iz0inx
Topic: 29178 Message: 29256

Hi guys, is this happening only to me?
Any feedback from HRD users?

Tnx,
Fil IZ0INX

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> I'm using the last released version 4 of HAM Radio Deluxe (4.1 build 2321) with my ft897 and everything works fine but the reading of the "mode" in the "Add Logbook Entry" window.
>
> All the modes are correctly read with two exceptions: DIG, which is read as USB and CW, which is read as TOR.
>
> I believe it depends on what the rig is sending to HRD, anyway, does someone know if there is some way to manage this?
>
> I could understand sending USB instead of DIG, actually my PSK31 emission is USB, but why TOR instead of CW ?
>
> Cheers, Fil IZØINX
>

29257. Final Reminder -- LIMARC Hamfest this Sunday, Feb 28th!!!

Yahoo group: FT897 (2010)
Date: 2010-02-27 01:42:26 UTC
From: ZephyrNYC
Topic: 29257 Message: 29257

Please share with other hams and groups:

Is anyone from the group going to attend the hamfest in Hicksville in Long Island, NY this Sunday the 28th? I MIGHT go if the weatherman's forecast of our nasty snow storm weather dissipating this weekend proves to be true. If so, I'll be shopping for an auto tuner and accessories for my first ever personal HF transceiver ;) Maybe I'll see ya there :)

73,
Frank

---------- Forwarded message ----------
From: ARRL NLI Section <memberlist@...>
Date: Fri, 26 Feb 2010 13:46:50 -0500 (EST)
Subject: Final Reminder -- LIMARC Hamfest this Sunday, Feb 28th!!!
To: ZephyrNYC@...

I hope you're not exerting yourself too much as you dig out, but it should be worth it as the LIMARC Hamfest will be held this Sunday, February 28th. I have been informed that the vendors are all on board at that the facility will be ready for the event.

The annual LIMARC indoor winter hamfest will once again be held at Levittown Hall. Located at 201 Levittown Parkway in Hicksville, the hamfest includes the following vendors:
KJI Electronics, Advanced Sprecialties, Quicksilver, Radio Oasis, W and W Battery, Dave Schneider, Tak-Tenna, HES Radio, RCG Trading, AND MANY MORE!

Vendor setup begins at 7:00am and the doors open to the public at 9:00am. A VE session will begin at noon.

Card checking will be available at the ARRL table.

Talk-in on W2VL, 146.85 repeater (136.5 PL)
For more information, see the LIMARC web page at
http://www.limarc.org or E-mail: hamfest@...

I'll be at the ARRL table. Please stop by and say "Hi."

ARRL New York City-Long Island Section
Section Manager: Michael Lisenco, N2YBB
n2ybb@...

This message is being sent to you via the ARRL Members Only Web site.

If you do not want to receive further messages, go to the site at:
http://www.arrl.org/members-only/memdata.html?modify=1
Log in with your username and password and change your email options.
Unchecking the "News and information from your Division Director and
Section Manager" box will prevent messages such as this one from
being sent to you.
-- webmaster@...

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

29258. Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 02:22:37 UTC
From: Chuck Williams
Topic: 29258 Message: 29258

Good Evening All,

I've been tracking some FT-897D's at auction. Can someone give me a reference for serial number codes/series that indicate production runs with the addition of the 60 meter and TCXO features?

Any caveats (beyond auction precautions/considerations) that should concern me with purchasing one of these units used?

Thanks In Advance & 73's,
Chuck, KJ4HBK

[Non-text portions of this message have been removed]

29259. Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 03:16:22 UTC
From: stykemup
Topic: 29258 Message: 29259

Copied from the files link on the left:

Simple breakdown of the Yaesu code is below:

Position 1 = year made
Position 2 = month made
C = January
D = February
E = March
F = April
G = May
H = June
I = July
J = August
K = September
L = October
M = November
N = December

Position 1 = last digit of the year in which the radio was produced
Position 2 = month made
Pos 3 &/or 4 = lot number(s)
Pos 5<-8 = sequence in that lot

Example - My FT897D 4H370xxx would translate to:

4 = 2004
H = June
37 = Lot number 37

--- In FT897@...m, "Chuck Williams" <cwilliams@...> wrote:
>
> Good Evening All,
>
> I've been tracking some FT-897D's at auction. Can someone give me a reference for serial number codes/series that indicate production runs with the addition of the 60 meter and TCXO features?
>
> Any caveats (beyond auction precautions/considerations) that should concern me with purchasing one of these units used?
>
> Thanks In Advance & 73's,
> Chuck, KJ4HBK
>
>
> [Non-text portions of this message have been removed]

>

29260. Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 03:23:53 UTC
From: Chuck Williams
Topic: 29258 Message: 29260

Thanks for the post. I'm receiving the emails through my mail client so don't have the "files" link you mentioned, though I certainly should have gone to the group's site and looked first. I apologize.

I will do so now, but the second part of my question was regarding the date the 60 meter & TCXO features were added to the 897D. Maybe that's in the file section as well. I'll certainly look.

73,
Chuck, KJ4HBK

----- Original Message -----
From: stykemup
To: FT897@yahoogroups.com
Sent: Friday, February 26, 2010 9:16 PM
Subject: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Copied from the files link on the left:

Simple breakdown of the Yaesu code is below:

Position 1 = year made
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Position 1 = last digit of the year in which the radio was produced
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Example - My FT897D 4H370xxx would translate to:

4 = 2004
H = June
37 = Lot number 37

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams@...> wrote:
>
> Good Evening All,
>
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>
> Any caveats (beyond auction precautions/considerations) that should concern me with purchasing one of these units used?
>
> Thanks In Advance & 73's,
> Chuck, KJ4HBK
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29261. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 09:51:17 UTC
From: g8hul
Topic: 29195 Message: 29261

>
> I hope that you are using the IPO (pre-amp off), attenuator, and RF Gain to your advantage as the manual suggests. On 7 MHz and below I always have the attenuator on and the IPO is on (pre-amp off) until I get above 21 MHz at least. The rig has a lot of receiver gain in case you need it, like for a Beverage receive antenna. With normal antennas at lower frequencies you don't need all of the gain. Too much gain and all of the noise is compressed by the AGC to the same level as the desired signals and this will make the receiver seem "noisy".
>
> When used properly I don't perceive any noise issues with my FT-897D. I agree with you somewhat about the audio DSP. The automatic notch filter is almost worthless. I've had it work only a little bit on rare circumstances. The DSP bandpass filter works great as long as you also use the RF Gain control to keep signals out of the DSP passband from "pumping" the AGC.
>
> 73,
> Steve - AA5TB
>

I have to agree with your comments 100%!

I have never found a specific noise problem with the 897 compared to any other receiver.

However, as you say the rx does have a lot of gain and the S meter is pretty useless and very non-linear, and it is I think those facts that leads people to believe there is a high noise floor.

The other factor that seems to make a differene is the bandwidth of the audio without the DSP filter turned on and set up correctly. It is quite high and can pass high frequency noise whith can sound different to some other receivers.

Another factor can also the the actual setup of the sideband offset frequency. There can be a noticeable difference in quality when swutching between USB and LSB. Try this on an AM broadcast station.
Using the IF shift function can result in a noticeable improvement in quality. This problem can be corrected by setting up the sideband offset frequencies correctly.

73
Jeff

29262. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 13:30:34 UTC
From: Hank
Topic: 29195 Message: 29262

I truly believe this to be true. My 897D is my third HF rig, but my first digital one. When I first got my 897, I was worried that it might be bad or very noisy. Then on field day, I took it to our location which was way out in the boonies on a horse farm. I hooked the radio up to an inverted-v, and there was absolutely nothing but signals. There was no noise at all, and signals were booming in. My home antenna is a 19' dipole in the attic, and I am in an adjoined townhouse, so can you say compromised noise maker?

Since then, I have been working with the settings in the rig. I started using the attenuator on most HF bands except 17. The biggest problem I have been dealing with is not knowing how to set up and use the DSP settings. I keep tweeking them and it seems to get better, but I would love to see some type of DSP guide or what others have their various dsp settings set to. Then I could compare my settings with those of others who know more about using dsp.

I have also been finding and eliminating sources of noise in the house, and have dropped my noise floor quite a bit. I love my 897.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
> >
> > I hope that you are using the IPO (pre-amp off), attenuator, and RF Gain to your advantage as the manual suggests. On 7 MHz and below I always have the attenuator on and the IPO is on (pre-amp off) until I get above 21 MHz at least. The rig has a lot of receiver gain in case you need it, like for a Beverage receive antenna. With normal antennas at lower frequencies you don't need all of the gain. Too much gain and all of the noise is compressed by the AGC to the same level as the desired signals and this will make the receiver seem "noisy".
> >
> > When used properly I don't perceive any noise issues with my FT-897D. I agree with you somewhat about the audio DSP. The automatic notch filter is almost worthless. I've had it work only a little bit on rare circumstances. The DSP bandpass filter works great as long as you also use the RF Gain control to keep signals out of the DSP passband from "pumping" the AGC.
> >
> > 73,
> > Steve - AA5TB
> >
>
> I have to agree with your comments 100%!
>
> I have never found a specific noise problem with the 897 compared to any other receiver.
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> However, as you say the rx does have a lot of gain and the S meter is pretty useless and

very non-linear, and it is I think those facts that leads people to believe there is a high noise floor.
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>
> 73
> Jeff
>

29263. Re: [FT897] Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 14:46:22 UTC
From: Bart Ragucci
Topic: 29195 Message: 29263

I have started using the ATT as well, I see you can't have the IPO and ATT on at the same time, it's one or the other. In my case the ATT does cut noise down from the S8 level to a S3. BUT I think it's at the cost of incoming signal strength. I turn on the ATT and the person I'm talking to drops down to just above the noise level. What frustrates me is I always have to tweak the settings to tone down the noise. If I'm listening to 40m and have tweaked down the noise, then jump over to 20m I again have to tweak down the noise. I don't regret buying it, but would I buy another one, no. As for the DSP, I really don't see much of an improvement using the three choices. Again, I just got used to what I had, TS-820. But I thought with the new technology of the FT-897 I'd be in tall cotton with all the bands and settings and the like, but I guess not.
Thanks
Bart
----- Original Message -----
From: Hank
To: FT897@yahoogroups.com
Sent: Saturday, February 27, 2010 8:30 AM
Subject: [FT897] Re: Noise

I truly believe this to be true. My 897D is my third HF rig, but my first digital one. When I first got my 897, I was worried that it might be bad or very noisy. Then on field day, I took it to our location which was way out in the boonies on a horse farm. I hooked the radio up to an inverted-v, and there was absolutely nothing but signals. There was no noise at all, and signals were booming in. My home antenna is a 19' dipole in the attic, and I am in an adjoined townhouse, so can you say compromised noise maker?

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>
> 73
> Jeff
>

[Non-text portions of this message have been removed]

29264. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 14:56:47 UTC
From: jerry_lefever
Topic: 29195 Message: 29264

Hi
I too agree with the comments about noise and the FT897D. I have one with the built in PSU. It's nice to have it all in one box. I bought it to replace my FT990AC. I also have the FT857D too. On the bench test between them all compared to my Alinco DX70TH, results in the 897 and 857 being noticeably noisier in comparison on all modes. I have read many forums and threads on the noise, and set the IPO to off (or on depending which way you read it), and set the LSB/USB passband settings to make it sound right. On SSB the DX70 is better all rounder both on TX and RX. The FT990AC is good too by comparison, although a bit long in the tooth and big. When the chips are down and I am copying a weak signals on SSB, I would have the DX70 any day.
I want something that is all in one box . . . PSU, ATU etc, and there are not many on the market. The IC7700 is one of a few available.
Regards
Jerry G4CAZ

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> I have to agree with your comments 100%!
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>
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> 73
> Jeff
>

29265. Re: [FT897] Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 15:15:43 UTC
From: Bart Ragucci
Topic: 29195 Message: 29265

LSB/USB passband settings - what do they do? Would they reduce noise?
----- Original Message -----
From: jerry_lefever
To: FT897@yahoogroups.com
Sent: Saturday, February 27, 2010 9:56 AM
Subject: [FT897] Re: Noise

Hi
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>
> 73
> Jeff
>

[Non-text portions of this message have been removed]

29266. MD-100A8X low audio on SSB

Yahoo group: FT897 (2010)
Date: 2010-02-27 15:03:12 UTC
From: Hank
Topic: 29266 Message: 29266

I recently added an MD-100A8x to my FT-897D. On 2 mtr FM, I get great reports. I have the FM mic gain at 75, proc at 30, and on the mic I have both high emphasis and low cut off. According to the reports I get on the repeater, it sounds great.

On HF SSB, the mic appears to have no drive. I have the SSB mic gain set to 100, and with the FT-Meter set for modulation, the meter barly moves. With this mic, I have only made 2 HF contacts, both with weak signal reports. When I plug in the handheld mic that came with the rig, I drop the gain back down and I get good reports on HF. Plus, the FT-Meter shows good modulation and good power out.

Has anyone else experienced this. I spoke to a few people at the recent Orlando Hamcation that had the same issue, and ended up replacing the mic with another brand. However, on eham I read page after page of excellent reports. Is there a setting somewhere I might be missing?

Any help is greatly appreciated.

Hank / KB4MTO

29267. RE: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 16:14:58 UTC
From: Mike Ernst
Topic: 29258 Message: 29267

I'd like to add some "confusion" to the serial number issue in hopes of someone helping me out - because Yaesu Tech Service was no help on this. My serial number on my FT897D is 9C080048. Now based on the description below that means it was made in January 2009 and was the "0048th" rig in lot "08". However according to Yaesu the FT897D started with lot 029. (They sent me a written document stating this,) So I called to try to get a further explanation. I asked if they restarted the two digits once they hit lot 99 (thinking perhaps my rig was from lot 108 rather than 08). According to the tech that is not the case. I then asked when the production started on the rig and was told the year 2002. I asked if then they had only run 8 lots of this radio since 2002 and was told by the tech he did not know because the rig was made in Japan. I pointed out to him that the rig was to my knowledge an FT897D and that the production started with lot 029. He again told me he did not know since the rig was produced in Japan. Needless to say I ended the call pretty frustrated with the quality of service I got.

Can anyone clarify this for me?

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of stykemup
Sent: Friday, February 26, 2010 10:16 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Copied from the files link on the left:

Simple breakdown of the Yaesu code is below:

Position 1 = year made
Position 2 = month made
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Position 1 = last digit of the year in which the radio was produced
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Pos 5<-8 = sequence in that lot

Example - My FT897D 4H370xxx would translate to:

4 = 2004
H = June
37 = Lot number 37

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Chuck Williams" <cwilliams@...> wrote:
>
> Good Evening All,
>
> I've been tracking some FT-897D's at auction. Can someone give me a reference for serial number codes/series that indicate production runs with the addition of the 60 meter and TCXO features?
>
> Any caveats (beyond auction precautions/considerations) that should concern me with purchasing one of these units used?
>
> Thanks In Advance & 73's,
> Chuck, KJ4HBK
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29268. RE: [FT897] Re: No voltage at CAT jack

Yahoo group: FT897 (2010)
Date: 2010-02-27 16:26:02 UTC
From: Mike Ernst
Topic: 22223 Message: 29268

Jason,

Thanks for the update and correction. Do you have a new service manual then for the FT897D?

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Risk
Sent: Friday, February 26, 2010 3:13 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: No voltage at CAT jack

Hi Mike, and Everyone,

Thanx for the post mate, as a matter of fact, Thomas DG8FBV just sent me the details that I needed.

There is a difference between the two boards and the service manuals do reflect the new arrangements of the real estate.

In the new board (Lot 25+), Q1108 (2SD2211) is moved away from where it is on the first board, you may note Jumper J1027 is included in this iteration of the board also. R1529 is now on the board in the position where Q1108 maintained in earlier boards. In fact, Im still trying to locate it actually but its not important for me at this stage.

What I *thought* was the right fuse in fact was. The Fuse itself has the number *3* stamped on it. I had already noticed this, and compared it to the file in the group files section labelled FT-897 ACC Fuse Placement-1. I just wanted to be sure that that was exactly what I looked for. I already had an open circuit reading from my multimeter so it was a pretty good bet.

I just wanted to make sure before I correct it with a poly switch as I am about to sell it at a HAM Fest here in New South Wales Australia tomorrow.

So thankyou all for posting or emailing, I really appreciate it.

Cheers and 73's

Jason
VK2WAR

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Mike Ernst" <ae8u@...> wrote:
>
> Jason,

>
>
>
> The service manual for the FT-897 is also for the FT-897D according to
> Yaesu. The only thing that changed between the two models was software
> programming to add the new WARC bands.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> _____
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of Risk
> Sent: Friday, February 26, 2010 9:52 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: No voltage at CAT jack
>
>
>
>
>
> Hi guys, I know youve all been over this before.
>
> However, I have an FT-897 Service Manual, but I have an FT-897D. Now I am
> pin pointing to where I "THINK" that F1001 is in the unit, but as there
are
> subtle differences, Id rather not muck around with it.
>
> Has anyone here got access to a diagram showing where the location of
F1001
> (or equivilant that is if it is a different designation in the FT-897D).
> Unfortunately I dont have the manual for this unit.
>
> Cheers
>
> Jason
> VK2WAR
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Lemmerman
> \"Charley\" Kroh Sr" <luffnutt@> wrote:
> >
> > I bought a used FT-897 at a Hamfest. It was in pristine shape and had
> > two new FNB-78 batteries. After a little research on the serial number

> > found out it was made in June 2002. Knowing the Yaesu antenna tuners do
> > not have a very wide range,(Got an FC 20, for a FT-847 for sale!) I
> > bought an LDG AT-897 bolt on. I did not work. Not even a light in the
> > LED. Traced that down to no 13.8 volts at the CAT jack. Checked the
> > schematic and they put a 3.15 amp fuse in that line, so I went looking
> > for it. 99% surface mounted components, and the silk screening shows
> > the Jack number and filters places but very little else, i.e. no
> > components like capacitors, resistors and inductors. I suspect it is
> > a "fuse blok" but even with magnifying glass, no component says fuse or
> > 3.15A on it. Made a connection to the LDG AT-897 board and connected it
> > to 12 volts and the antenna tuner works like they said it would.
> > E-mailed Yaesu Tech Support and they suggested I send the radio back to
> > them. Anybody out there in FT-897 land have any suggestion? Know where
> > the fuse F001 is located? I really don't want to send it back to Yaesu;
> > warrenty has long since expired.
> > Charley KC3KN
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29269. Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 16:53:59 UTC
From: Robert Scott
Topic: 29258 Message: 29269

My assumption is that the lot numbers start over each year?

KC5PRG

From: Mike Ernst <ae8u@...>
To: FT897@yahoogroups.com
Sent: Sat, February 27, 2010 10:14:58 AM
Subject: RE: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

I'd like to add some "confusion" to the serial number issue in hopes of someone helping me out - because Yaesu Tech Service was no help on this. My serial number on my FT897D is 9C080048. Now based on the description below that means it was made in January 2009 and was the "0048th" rig in lot "08". However according to Yaesu the FT897D started with lot 029. (They sent me a written document stating this,) So I called to try to get a further explanation. I asked if they restarted the two digits once they hit lot 99 (thinking perhaps my rig was from lot 108 rather than 08). According to the tech that is not the case. I then asked when the production started on the rig and was told the year 2002. I asked if then they had only run 8 lots of this radio since 2002 and was told by the tech he did not know because the rig was made in Japan. I pointed out to him that the rig was to my knowledge an FT897D and that the production started with lot 029. He again told me he did not know since the rig was produced in Japan. Needless to say I ended the call pretty frustrated with the quality of service I got.

Can anyone clarify this for me?

73,

Mike, AE8U

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of stykemup
Sent: Friday, February 26, 2010 10:16 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Copied from the files link on the left:

Simple breakdown of the Yaesu code is below:

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Position 1 = last digit of the year in which the radio was produced
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Example - My FT897D 4H370xxx would translate to:

4 = 2004
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37 = Lot number 37

--- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Chuck Williams" <cwilliams@. ..> wrote:
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> Good Evening All,
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> I've been tracking some FT-897D's at auction. Can someone give me a reference for serial number codes/series that indicate production runs with the addition of the 60 meter and TCXO features?
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> Any caveats (beyond auction precautions/ considerations) that should concern me with purchasing one of these units used?
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> Thanks In Advance & 73's,
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>

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29270. RE: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 18:03:42 UTC
From: Mike Ernst
Topic: 29258 Message: 29270

If that were the case (and I am not saying you are incorrect) then it seems there would be no meaning to the following excerpt from the document sent to me by Yaesu:

FT-897 series

-LOT 001 to LOT 028: JP1006 is placed (meaning, no capability of the 5 MHz band operation)

FT-897D series

-from LOT029 and later: JP1006 is NOT placed (Possible to operate the 5 MHz band)

In other words what they are saying is that LOTS 001 thru 028 were FT-897 and all lots after that were FT-897D. So if they start the loit numbers over each year there is no way you could tell by lot number if you had th”D” version or not.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Robert Scott
Sent: Saturday, February 27, 2010 11:54 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

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KC5PRG

From: Mike Ernst <ae8u@... <mailto:ae8u%40fuse.net> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sat, February 27, 2010 10:14:58 AM
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29271. Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-27 18:41:01 UTC
From: Robert Scott
Topic: 29258 Message: 29271

I bought mine new and it is a 2004 897D and shows to be lot 34. So, if they used sequential lot numbering, yours would have to be higher than 34, which its not. I understand new units are made somewhere besides Japan? Maybe they started new lot numbers with units made outside of Japan?

KC5PRG

_____
From: Mike Ernst <ae8u@...>
To: FT897@yahoogroups.com
Sent: Sat, February 27, 2010 12:03:42 PM
Subject: RE: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

If that were the case (and I am not saying you are incorrect) then it seems there would be no meaning to the following excerpt from the document sent to me by Yaesu:

FT-897 series

-LOT 001 to LOT 028: JP1006 is placed (meaning, no capability of the 5 MHz band operation)

FT-897D series

-from LOT029 and later: JP1006 is NOT placed (Possible to operate the 5 MHz band)

In other words what they are saying is that LOTS 001 thru 028 were FT-897 and all lots after that were FT-897D. So if they start the loit numbers over each year there is no way you could tell by lot number if you had th”D” version or not.

73,

Mike, AE8U

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Robert Scott
Sent: Saturday, February 27, 2010 11:54 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

My assumption is that the lot numbers start over each year?

KC5PRG

_____ _____ _____ __
From: Mike Ernst <ae8u@fuse.net <mailto:ae8u% 40fuse.net> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Sat, February 27, 2010 10:14:58 AM
Subject: RE: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

I'd like to add some "confusion" to the serial number issue in hopes of someone helping me out - because Yaesu Tech Service was no help on this. My

serial number on my FT897D is 9C080048. Now based on the description below that means it was made in January 2009 and was the "0048th" rig in lot "08". However according to Yaesu the FT897D started with lot 029. (They sent me a written document stating this,) So I called to try to get a further explanation. I asked if they restarted the two digits once they hit lot 99 (thinking perhaps my rig was from lot 108 rather than 08). According to the tech that is not the case. I then asked when the production started on the rig and was told the year 2002. I asked if then they had only run 8 lots of this radio since 2002 and was told by the tech he did not know because the rig was made in Japan. I pointed out to him that the rig was to my knowledge an FT897D and that the production started with lot 029. He again told me he did not know since the rig was produced in Japan. Needless to say I ended the call pretty frustrated with the quality of service I got.

Can anyone clarify this for me?

73,

Mike, AE8U

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of stykemup
Sent: Friday, February 26, 2010 10:16 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Copied from the files link on the left:

Simple breakdown of the Yaesu code is below:

Position 1 = year made
Position 2 = month made
C = January
D = February
E = March
F = April
G = May
H = June
I = July
J = August
K = September
L = October
M = November
N = December

Position 1 = last digit of the year in which the radio was produced
Position 2 = month made
Pos 3 &/or 4 = lot number(s)
Pos 5<-8 = sequence in that lot

Example - My FT897D 4H370xxx would translate to:

4 = 2004
H = June
37 = Lot number 37

--- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Chuck Williams" <cwilliams@. ..> wrote:
>
> Good Evening All,
>
> I've been tracking some FT-897D's at auction. Can someone give me a reference for serial number codes/series that indicate production runs with the addition of the 60 meter and TCXO features?
>
> Any caveats (beyond auction precautions/ considerations) that should concern me with purchasing one of these units used?
>
> Thanks In Advance & 73's,
> Chuck, KJ4HBK
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29272. Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-28 03:47:04 UTC
From: stykemup
Topic: 29258 Message: 29272

Chuck, as far as I know the D model has the 60 meter and tcxo additions. This is the upgrade from the older FT-897.
One thing to look for is an opened up or MARS modded unit as it wipes out the 60 meter memories, but you can manually put them back in.
There's a file here on this site you can upload which has about 150 memories set and you can modify them for your personal settings.
It was a good base for me to start with.
I've had 2 897D's and they are great rigs.
You'll like the radio and don't worry about the Serial Numbers/Indicators for 60 Meter/TCXO Addition. If it's a D model it has it.
73's,
Bill

29273. Re: Not powering up!

Yahoo group: FT897 (2010)
Date: 2010-02-26 13:39:57 UTC
From: Sean and Lanie
Topic: 29244 Message: 29273

It's working now. Not sure what was going on.....
As far as the P/S, it's a Astron 35RM
Thanks for the help!

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> As I continue to "shoot my self in the Foot", My apologies.
> The Rocker switch on top of the Radio is only to select
> either the A or B battery feed./ga
>
> ----- Original Message -----
> From: Gary Altig<mailto:garylaltig@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Thursday, February 25, 2010 10:17 PM
> Subject: Re: [FT897] Not powering up!
>
>
>
> DE N7UVL,
> To elaborate a bit. You did not mention what your 13.8VDC
> source was. If its from the FB-30 Power Supply, that's one
> rocker switch, which regardless as to whether its an FB-30
> or some other source, you've already stated you have DC
> power.
> -On to the other 2 switches. Radio power rocker switch on top.
> and then the front panel push button. Which were the 2 switches
> I was referring to./ga
>
> ----- Original Message -----
> From: Gary Altig<mailto:garylaltig@...<mailto:garylaltig%40msn.com>>
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>>
> Sent: Thursday, February 25, 2010 10:02 PM
> Subject: Re: [FT897] Not powering up!
>
> DE N7UVL,
> Both Switches turned on?/ga
>
> ----- Original Message -----
> From: Sean and Lanie<mailto:kamaaina1@...<mailto:kamaaina1%40comcast.net><mailto:kamaaina1@...<mailto:kamaaina1%40comcast.net>>>
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>>>

> Sent: Thursday, February 25, 2010 8:54 PM
> Subject: [FT897] Not powering up!
>
> I have voltage to DC power cord, but rig does not power up. I did the MARS/CAP solder mod a few days ago, and was working fine, but now, rig does not turn on. Ant suggestions?
> Thanks!
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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29274. 897d default settings

Yahoo group: FT897 (2010)
Date: 2010-02-26 16:00:51 UTC
From: kj4sln
Topic: 29274 Message: 29274

There are the default settings and there are settings that work better for different bands. Can anyone give me a good setup for the 2 metter Band. I will be hitting a near repeater and some simplex. I had the radio for 2 wks and want to start out right. Radio receives 100% just never talked on it nor checked the swr's. didn't want to break the radio or make someone upset. I don't belong to any groups other than on line, and don't I want to do a show and tell with a stranger.
Allen kj4sln

p.s. Is there a way to erase all the freq in memory for favorite freq. all at 1 time?

29275. Re: Noise

Yahoo group: FT897 (2010)
Date: 2010-02-27 13:47:30 UTC
From: n0bnd Yahoo
Topic: 29195 Message: 29275

I recently bought a 706mkIIg to compare to my 897 d. Price was right and why not. The 706 was much quieter at first when I compared them. I enabled ipo and tweaked the unit a little and lo and behold the 897 was as quiet as the 706. On my 897 it's default is ipo off (preamp on) on all bands. Not sure why. I have changed that. I have since sold the 706 and have been discovering what an awesome radio the 897 is.

Joel Mueller

29276. RE: [FT897] Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-26 13:52:46 UTC
From: Bill Riches
Topic: 29249 Message: 29276

Sorry you had that problem. I send my 897 back to have the readout replaced and I received back in 2 weeks and that included shipping to CA and back from NJ.

73,

Bill Riches, WA2DVU

Cape May, NJ

I sure hope that not many people have to send their 897d into the Yaesu Service Center in California for service is it takes forever to get it done and get back to you !!! They do NOT communicate with you unless you keep calling them!!!!!!

I am an Official Observer here in Indiana and I can honestly say that Yaesu does NOT have the Quality that it used to have at all !!! I hope that Toyota has not bought a part share in the Yaesu Company as that would explain a lot when it comes to the loss of quality on these radios by Yaesu!

[Non-text portions of this message have been removed]

29277. RE: [FT897] Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-28 12:33:45 UTC
From: Phil
Topic: 29249 Message: 29277

My experience with Yaesu repair service has been all positive. I had a FT907D that had a noise problem. Yaesu communication was great!. After they received my FT897D they called me with the estimate and also sent a card via snail mail with the estimate. I received the unit back in about 2 weeks. Yaesu has great communication, great turnaround time and they fixed the problem at a reasonable price So... in my experience with Yaseu service was all positive.

-K3FOD

[Non-text portions of this message have been removed]

29278. Re: Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-28 14:56:21 UTC
From: w4yn
Topic: 29249 Message: 29278

I had similar problems with them on 920 repair and I had to finish the repairs myself when it was finally returned.
They used to have fantastic service, about 10 years ago I fried an 847 while on a camping trip to outer banks in NC. I mailed it back from Kitty Hawk and it on my door step when I returned to Charlotte the next week, no charge either except for mailing.
Tim W4YN

--- In FT897@yahoogroups.com, "Bill Riches" <bill.riches@...> wrote:
>
> Sorry you had that problem. I send my 897 back to have the readout replaced
> and I received back in 2 weeks and that included shipping to CA and back
> from NJ.
>
>
>
> 73,
>
>
>
> Bill Riches, WA2DVU
>
> Cape May, NJ
>
>
>
>
>
>
> I sure hope that not many people have to send their 897d into the Yaesu
> Service Center in California for service is it takes forever to get it done
> and get back to you !!! They do NOT communicate with you unless you keep
> calling them!!!!!!
>
> I am an Official Observer here in Indiana and I can honestly say that Yaesu
> does NOT have the Quality that it used to have at all !!! I hope that Toyota
> has not bought a part share in the Yaesu Company as that would explain a lot
> when it comes to the loss of quality on these radios by Yaesu!
>
>
>
> [Non-text portions of this message have been removed]
>

29279. Noise Test

Yahoo group: FT897 (2010)
Date: 2010-02-28 17:20:07 UTC
From: Steve Yates
Topic: 29279 Message: 29279

Here is a quick and easy test to determine if the noise is due to a defect in the FT-897D design or if it is from an external source and your receiver is just more sensitive then others. Switch from your antenna to a dummy load and listen to what happens to the noise. If the noise goes away it is NOT coming from your radio. Just disconnecting the antenna is usually a good enough test but the noise figure of the receiver is optimized when terminated close to 50 ohms so the test is often more dramatic when switched to a dummy load.

I guess it is human nature to think we get the best performance when everything is set to maximum but in this case the FT-897D has too much receiver gain for HF in most cases. This would come in handy though if you were using a negative gain receiving antenna like a Beverage or terminated loop antenna to enhance you reception in noisy environments.

The FT-897D's DSP operates at the audio frequencies and as such is not the latest technology. It can be used to reduce the effects of received noise but has limited ability. Usually audio fidelity is reduced as well as the noise. In this case a receiver with a DSP operating at the IF stage will perform better. However, with proper use of the IPO, Attenuator, IF Shift, BW Filters and RF Gain control you can greatly reduce the effects of noise yourself. In noisy environments like most of us have these days dedicated receive antennas might be useful too.

Also, I would ignore the S-meter. The FT-897D's S-meter is not even close to the 6 dB per S-unit that some manufactures use to strive for. The "meter" is overly sensitive on the low end of the scale and should be used for relative measurements only.

73,
Steve - AA5TB

29280. Re: [FT897] Noise Test

Yahoo group: FT897 (2010)
Date: 2010-02-28 19:17:41 UTC
From: Bart Ragucci
Topic: 29279 Message: 29280

Steve:
My 897 is hooked up to a MFJ antenna tuner (manual) so I switched over to "dummy load" and "yes" the noise vanished, so it's not the radio? Is it then my antenna? Is the antenna pulling in static? My antenna is a G5RV, about 25 ft up. So, should I try another antenna? Move the current one? What would be my next step?
Thx
Bart
----- Original Message -----
From: Steve Yates
To: FT897@yahoogroups.com
Sent: Sunday, February 28, 2010 12:20 PM
Subject: [FT897] Noise Test

Here is a quick and easy test to determine if the noise is due to a defect in the FT-897D design or if it is from an external source and your receiver is just more sensitive then others. Switch from your antenna to a dummy load and listen to what happens to the noise. If the noise goes away it is NOT coming from your radio. Just disconnecting the antenna is usually a good enough test but the noise figure of the receiver is optimized when terminated close to 50 ohms so the test is often more dramatic when switched to a dummy load.

I guess it is human nature to think we get the best performance when everything is set to maximum but in this case the FT-897D has too much receiver gain for HF in most cases. This would come in handy though if you were using a negative gain receiving antenna like a Beverage or terminated loop antenna to enhance you reception in noisy environments.

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Also, I would ignore the S-meter. The FT-897D's S-meter is not even close to the 6 dB per S-unit that some manufactures use to strive for. The "meter" is overly sensitive on the low end of the scale and should be used for relative measurements only.

73,
Steve - AA5TB

[Non-text portions of this message have been removed]

29281. 897 Headset for sale

Yahoo group: FT897 (2010)
Date: 2010-02-28 19:23:11 UTC
From: m0xdx
Topic: 29281 Message: 29281

I have another headset for sale :

http://cgi.ebay.co.uk/New-Headset-Microphone-for-Yaesu-897-857-817-450-900_W0QQitemZ280471863678QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item414d6d017e

Please note this is a UK only auction.

29282. Re: Noise Test

Yahoo group: FT897 (2010)
Date: 2010-02-28 20:40:41 UTC
From: Steve Yates
Topic: 29279 Message: 29282

Hi Bart,

You are correct, it is not the radio. The noise is being picked up by the antenna just like it would pick up any other signal. In today's world just about everything emits RF, even maybe your coffee pot! That being the case your and your neighbor's homes are usually the major source of noise locally. First, try to locate the antenna as far from houses as possible. Next, try to tackle the sources. Major sources that I have found are the following:

1. Touch lamps.
2. Battery chargers. The new light weight charges for cell phones, laptops, and power tools use switching supplies that can generate huge amounts of noise unless the extra nickle is spent to properly filter them.
3. Televisions, mostly the plasma display type.
4. AT&T Uverse "2Wire" brand routers. This is a huge problem in my area.
5. Everything else with a microprocessor.

You might try to run your rig temporarily off of a battery and turn off the main breaker to your house just to see how quiet you may be able to get your environment. At least this will let you know if you have work to do searching for sources.

The natural atmospheric noise level increases as you decrease in frequency. Below 15 MHz it increase fairly rapidly and of course is worse in the summer time due to lightning static.

The most important thing to do is to try and keep all parts of your antenna out of or away from your house. This also means taking measures to keep common mode currents off of the coax. You can do help this by using a current balun near antenna to act as an RF choke for RF currents that may be on the outside of your coax.

There is no easy solution. That's why us hams complain so much about BPL and such technologies. It seems like a losing battle at times since the FCC is more concerned about getting technology out cheaply rather then enforcing their own rules. I can still remember when the only noise I heard on 10 m was galactic noise! Now all I hear is AT&T Uverse which is piped all over my neighborhood.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Bart Ragucci" <bragucci@...> wrote:
>
> Steve:
> My 897 is hooked up to a MFJ antenna tuner (manual) so I switched over to "dummy load" and "yes" the noise vanished, so it's not the radio? Is it then my antenna? Is the antenna pulling in static? My antenna is a G5RV, about 25 ft up. So, should I try another antenna? Move the current one? What would be my next step?
> Thx
> Bart

29283. Re: [FT897] Re: Noise Test

Yahoo group: FT897 (2010)
Date: 2010-02-28 21:37:40 UTC
From: Bart Ragucci
Topic: 29279 Message: 29283

Thank you Steve, my old TS-820 was quiet as a mouse, in the same location, same antenna, etc. My guess is the 897d has a much more sensitive receiver. I will start the process you outlined. If you don't mind I will update you on my findings?
Thank you very much

Bart

----- Original Message -----
From: Steve Yates
To: FT897@yahoogroups.com
Sent: Sunday, February 28, 2010 3:40 PM
Subject: [FT897] Re: Noise Test

Hi Bart,

You are correct, it is not the radio. The noise is being picked up by the antenna just like it would pick up any other signal. In today's world just about everything emits RF, even maybe your coffee pot! That being the case your and your neighbor's homes are usually the major source of noise locally. First, try to locate the antenna as far from houses as possible. Next, try to tackle the sources. Major sources that I have found are the following:

1. Touch lamps.
2. Battery chargers. The new light weight charges for cell phones, laptops, and power tools use switching supplies that can generate huge amounts of noise unless the extra nickle is spent to properly filter them.
3. Televisions, mostly the plasma display type.
4. AT&T Uverse "2Wire" brand routers. This is a huge problem in my area.
5. Everything else with a microprocessor.

You might try to run your rig temporarily off of a battery and turn off the main breaker to your house just to see how quiet you may be able to get your environment. At least this will let you know if you have work to do searching for sources.

The natural atmospheric noise level increases as you decrease in frequency. Below 15 MHz it increase fairly rapidly and of course is worse in the summer time due to lightning static.

The most important thing to do is to try and keep all parts of your antenna out of or away from your house. This also means taking measures to keep common mode currents off of the coax. You can do help this by using a current balun near antenna to act as an RF choke for RF currents that may be on the outside of your coax.

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73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Bart Ragucci" <bragucci@...> wrote:
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> Steve:
> My 897 is hooked up to a MFJ antenna tuner (manual) so I switched over to "dummy load" and "yes" the noise vanished, so it's not the radio? Is it then my antenna? Is the antenna pulling in static? My antenna is a G5RV, about 25 ft up. So, should I try another antenna? Move the current one? What would be my next step?
> Thx
> Bart

[Non-text portions of this message have been removed]

29284. RE: [FT897] Re: Noise Test

Yahoo group: FT897 (2010)
Date: 2010-02-28 21:47:07 UTC
From: Dennis
Topic: 29279 Message: 29284

You also forgot to mention the area in which you may live in may be a source of noise as well. It is well known that commercial/industrial locations produce a HUGE amount of noise as well. Especially from the power lines as the draw on the power system is greater than a residential area. If you live close to one of these areas, you will pick up A LOT of noise, mostly during the day, but if any have a 24 hour operation, you will have noise almost continuously!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Steve Yates
Sent: Sunday, February 28, 2010 2:41 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Noise Test

Hi Bart,

You are correct, it is not the radio. The noise is being picked up by the antenna just like it would pick up any other signal. In today's world just about everything emits RF, even maybe your coffee pot! That being the case your and your neighbor's homes are usually the major source of noise locally. First, try to locate the antenna as far from houses as possible. Next, try to tackle the sources. Major sources that I have found are the following:

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5. Everything else with a microprocessor.

You might try to run your rig temporarily off of a battery and turn off the main breaker to your house just to see how quiet you may be able to get your environment. At least this will let you know if you have work to do searching for sources.

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The most important thing to do is to try and keep all parts of your antenna out of or away from your house. This also means taking measures to keep common mode currents off of the coax. You can do help this by using a

current balun near antenna to act as an RF choke for RF currents that may be on the outside of your coax.

There is no easy solution. That's why us hams complain so much about BPL and such technologies. It seems like a losing battle at times since the FCC is more concerned about getting technology out cheaply rather then enforcing their own rules. I can still remember when the only noise I heard on 10 m was galactic noise! Now all I hear is AT&T Uverse which is piped all over my neighborhood.

73,
Steve - AA5TB

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Bart Ragucci" <bragucci@...> wrote:
>
> Steve:
> My 897 is hooked up to a MFJ antenna tuner (manual) so I switched over to "dummy load" and "yes" the noise vanished, so it's not the radio? Is it then my antenna? Is the antenna pulling in static? My antenna is a G5RV, about 25 ft up. So, should I try another antenna? Move the current one? What would be my next step?
> Thx
> Bart

[Non-text portions of this message have been removed]

29285. RE: [FT897] Re: Yaesu Service from their Service Center in California is NOT great at all.

Yahoo group: FT897 (2010)
Date: 2010-02-28 21:48:58 UTC
From: Dennis
Topic: 29249 Message: 29285

I just wanna know what being an official observer has to do with his statement. Do you get better treatment/discounts being one!?!?!?!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w4yn
Sent: Sunday, February 28, 2010 8:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Yaesu Service from their Service Center in California is NOT great at all.

I had similar problems with them on 920 repair and I had to finish the repairs myself when it was finally returned.
They used to have fantastic service, about 10 years ago I fried an 847 while on a camping trip to outer banks in NC. I mailed it back from Kitty Hawk and it on my door step when I returned to Charlotte the next week, no charge either except for mailing.
Tim W4YN

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Bill Riches" <bill.riches@...> wrote:
>
> Sorry you had that problem. I send my 897 back to have the readout replaced
> and I received back in 2 weeks and that included shipping to CA and back
> from NJ.
>
>
>
> 73,
>
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>
> Bill Riches, WA2DVU
>
> Cape May, NJ
>
>
>
>
>
> I sure hope that not many people have to send their 897d into the Yaesu
> Service Center in California for service is it takes forever to get it done

> and get back to you !!! They do NOT communicate with you unless you keep
> calling them!!!!!!
>
> I am an Official Observer here in Indiana and I can honestly say that
Yaesu
> does NOT have the Quality that it used to have at all !!! I hope that
Toyota
> has not bought a part share in the Yaesu Company as that would explain a
lot
> when it comes to the loss of quality on these radios by Yaesu!
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29286. Re: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Yahoo group: FT897 (2010)
Date: 2010-02-28 23:59:31 UTC
From: Chuck Williams
Topic: 29258 Message: 29286

"Chuck, as far as I know the D model has the 60 meter and tcxo additions. This is the upgrade from the older FT-897."

Thanks for the follow-up Bill. I've been thrown by whether all 897D's have the 60 meter & TCXO, because the magazine adds still say "now with 60 meter & TCXO" as if it's an enhancement to the original 897D.

Thanks for clarifying that for me.

73,
Chuck, KJ4HBK

----- Original Message -----
From: stykemup
To: FT897@yahoogroups.com
Sent: Saturday, February 27, 2010 9:47 PM
Subject: [FT897] Re: Serial Numbers/Indicators for 60 Meter/TCXO Addition ?

Chuck, as far as I know the D model has the 60 meter and tcxo additions. This is the upgrade from the older FT-897.
One thing to look for is an opened up or MARS modded unit as it wipes out the 60 meter memories, but you can manually put them back in.
There's a file here on this site you can upload which has about 150 memories set and you can modify them for your personal settings.
It was a good base for me to start with.
I've had 2 897D's and they are great rigs.
You'll like the radio and don't worry about the Serial Numbers/Indicators for 60 Meter/TCXO Addition. If it's a D model it has it.
73's,
Bill

[Non-text portions of this message have been removed]

29287. F/S: CW Filter for 897/857/817

Yahoo group: FT897 (2010)
Date: 2010-03-01 01:02:27 UTC
From: w6ur
Topic: 29287 Message: 29287

300 Hz INRAD filter. $85.00 del. Please contact me OFFLINE if interested. w6ur@...
Thanks,
Lou - W6UR

29288. auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 01:00:39 UTC
From: ZephyrNYC
Topic: 29288 Message: 29288

I noticed that there are a lot of tuners that go up to 30MHz than tuners that go all the way up through the 6m band. If you use one of the former, what do you do for 6m? Do you use a separate resonant antenna for 6m? Thanks.

73,
Frank

February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

29289. 897 For Sale

Yahoo group: FT897 (2010)
Date: 2010-03-01 01:15:33 UTC
From: Edward Maikranz
Topic: 29289 Message: 29289

Any one on this list interested in my 897 before I take it to a hamfest and try to sell it there?

I have a very nice one, it has the Inrad 2.9 SSB filter, and the LDG meter. It is in excellent condition, comes in the box with the mic and manual. Trying to get about $725 for it.

I like the radio, but I picked up an Icom 746 and prefer that one.
Ed
KG5UN

[Non-text portions of this message have been removed]

29290. Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 01:28:16 UTC
From: ZephyrNYC
Topic: 29288 Message: 29290

Thank you for the quick replies. Is there anyone in the group who
gets away with operating on 6m using a tuner for up through 30MHz via
another method?

73,
Frank

On Sun, Feb 28, 2010 at 20:00, ZephyrNYC <zephyrnyc@gmail.com> wrote:
> I noticed that there are a lot of tuners that go up to 30MHz than
> tuners that go all the way up through the 6m band. If you use one of
> the former, what do you do for 6m? Do you use a separate resonant
> antenna for 6m? Thanks.
>
>
>
> 73,
> Frank
>
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

29291. Re: [FT897] Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 03:18:27 UTC
From: John Faughn
Topic: 29288 Message: 29291

Resonant antennas all always best , but there are a number of auto tuners
that do 160 - 6 meters .
I have an LDG 200pro , also a good one would be an SGC , I forget the model
number .

On Sun, Feb 28, 2010 at 7:28 PM, ZephyrNYC <ZephyrNYC@...> wrote:

>
>
> Thank you for the quick replies. Is there anyone in the group who
> gets away with operating on 6m using a tuner for up through 30MHz via
> another method?
>
> 73,
> Frank
>
>
> On Sun, Feb 28, 2010 at 20:00, ZephyrNYC <zephyrnyc@...<zephyrnyc%40gmail.com>>
> wrote:
> > I noticed that there are a lot of tuners that go up to 30MHz than
> > tuners that go all the way up through the 6m band. If you use one of
> > the former, what do you do for 6m? Do you use a separate resonant
> > antenna for 6m? Thanks.
> >
> >
> >
> > 73,
> > Frank
> >
> >
> >
> > February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
> >
> > Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
> >
>
>

[Non-text portions of this message have been removed]

29292. Re: [FT897] Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 03:26:18 UTC
From: ZephyrNYC
Topic: 29288 Message: 29292

John,

Thanks. The SG-237 is one of them.

73,
Frank

On Sun, Feb 28, 2010 at 22:18, John Faughn <john.faughn@...> wrote:

...also a good one would be an SGC , I forget the model
> number .
>

29293. Re: [FT897] Re: wrong "mode" adding log entry on HRD

Yahoo group: FT897 (2010)
Date: 2010-03-01 05:09:14 UTC
From: Bryce Anderson
Topic: 29178 Message: 29293

I just loaded the latest version and everything seemed fine
I will double check to see if I have the same problem
With all the buttons, could it be you have the a wrong setting?

On Fri, Feb 26, 2010 at 4:42 PM, iz0inx <iz0inx@...> wrote:

>
>
> Hi guys, is this happening only to me?
> Any feedback from HRD users?
>
> Tnx,
> Fil IZ0INX
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "iz0inx" <iz0inx@...>
> wrote:
> >
> > I'm using the last released version 4 of HAM Radio Deluxe (4.1 build
> 2321) with my ft897 and everything works fine but the reading of the "mode"
> in the "Add Logbook Entry" window.
> >
> > All the modes are correctly read with two exceptions: DIG, which is read
> as USB and CW, which is read as TOR.
> >
> > I believe it depends on what the rig is sending to HRD, anyway, does
> someone know if there is some way to manage this?
> >
> > I could understand sending USB instead of DIG, actually my PSK31 emission
> is USB, but why TOR instead of CW ?
> >
> > Cheers, Fil IZ?INX
> >
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

29294. filter brands WAS WTB: 300hz CW filter for FT897/857/817

Yahoo group: FT897 (2010)
Date: 2010-03-01 06:48:58 UTC
From: ZephyrNYC
Topic: 29294 Message: 29294

By the way, what are the differences between these brands of filters?
I heard that Yaesu filters are more expensive than the after market
ones, even though one of the after market brand's filters are exactly
the same. Which of all the filter brands offers the best performance?

73,
Frank

On 2010-02-28, John Geiger <aa5jg@...> wrote:
> I am looking for the 300hz CW filter for my FT897D-also used in the FT857
> and FT817. EIther the Yaesu, W4RT, or INRAD version is fine. I prefer to
> pay with paypal. Anyone have one available?
>
> 73s JOhn AA5JG
>
>
>
>
>

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

29295. Re: [FT897] Re: Noise Test

Yahoo group: FT897 (2010)
Date: 2010-03-01 10:04:49 UTC
From: Richard Corfield
Topic: 29279 Message: 29295

There are a few noise sources near where I live. I found when I took the 897 camping, in the middle of a field with a battery and a long wire antenna, I could hear a lot with very little noise. I've not compared with other radios in this situation, but it shows that for me at home the noise problem is all the plasma TVs and broadband routers and other bits and pieces in our area.

- Richard

On 28 February 2010 21:47, Dennis <n8bmb1@...> wrote:

>
>
> You also forgot to mention the area in which you may live in may be a
> source
> of noise as well. It is well known that commercial/industrial locations
> produce a HUGE amount of noise as well. Especially from the power lines as
> the draw on the power system is greater than a residential area. If you
> live close to one of these areas, you will pick up A LOT of noise, mostly
> during the day, but if any have a 24 hour operation, you will have noise
> almost continuously!
>
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> Steve Yates
> Sent: Sunday, February 28, 2010 2:41 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re: Noise Test
>
> Hi Bart,
>
> You are correct, it is not the radio. The noise is being picked up by the
> antenna just like it would pick up any other signal. In today's world just
> about everything emits RF, even maybe your coffee pot! That being the case
> your and your neighbor's homes are usually the major source of noise
> locally. First, try to locate the antenna as far from houses as possible.
> Next, try to tackle the sources. Major sources that I have found are the
> following:
>
> 1. Touch lamps.
> 2. Battery chargers. The new light weight charges for cell phones, laptops,
> and power tools use switching supplies that can generate huge amounts of
> noise unless the extra nickle is spent to properly filter them.

> 3. Televisions, mostly the plasma display type.
> 4. AT&T Uverse "2Wire" brand routers. This is a huge problem in my area.
> 5. Everything else with a microprocessor.
>
> You might try to run your rig temporarily off of a battery and turn off the
> main breaker to your house just to see how quiet you may be able to get
> your
> environment. At least this will let you know if you have work to do
> searching for sources.
>
> The natural atmospheric noise level increases as you decrease in frequency.
> Below 15 MHz it increase fairly rapidly and of course is worse in the
> summer
> time due to lightning static.
>
> The most important thing to do is to try and keep all parts of your antenna
> out of or away from your house. This also means taking measures to keep
> common mode currents off of the coax. You can do help this by using a
> current balun near antenna to act as an RF choke for RF currents that may
> be
> on the outside of your coax.
>
> There is no easy solution. That's why us hams complain so much about BPL
> and
> such technologies. It seems like a losing battle at times since the FCC is
> more concerned about getting technology out cheaply rather then enforcing
> their own rules. I can still remember when the only noise I heard on 10 m
> was galactic noise! Now all I hear is AT&T Uverse which is piped all over
> my
> neighborhood.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com, "Bart
>
> Ragucci" <bragucci@...> wrote:
> >
> > Steve:
> > My 897 is hooked up to a MFJ antenna tuner (manual) so I switched over to
> "dummy load" and "yes" the noise vanished, so it's not the radio? Is it
> then
> my antenna? Is the antenna pulling in static? My antenna is a G5RV, about
> 25
> ft up. So, should I try another antenna? Move the current one? What would
> be
> my next step?
> > Thx
> > Bart

>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29296. Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 13:23:18 UTC
From: g8ubj
Topic: 29288 Message: 29296

The Palstar AT-AUTO works okay at 6M but I only use it on the HF bands. I home brewed a 6M tuner a while back. Very inexpensive and with air spaced caps it could easily handle the 300 watts I use on 6

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> John,
>
> Thanks. The SG-237 is one of them.
>
> 73,
> Frank
>
>
> On Sun, Feb 28, 2010 at 22:18, John Faughn <john.faughn@...> wrote:
>
> ...also a good one would be an SGC , I forget the model
> > number .
> >
>

29297. Re:Noise Test

Yahoo group: FT897 (2010)
Date: 2010-03-01 15:29:07 UTC
From: David Okrent
Topic: 29279 Message: 29297

I agree that is the best test. Also, as a TS440SAT past users playing with RF Gain, IPO, etc. is pretty natural for me, but it's not only noise it's fidelity and the Kenwood audio amplifiers seem to my ear to have more fidelity and discrimination, so the voice tends to come through a bit better over the noise than it does on the FT897D. However, I also admit that I may just be having a reconstructed memory as I can't compare the rigs side-by-side given I solt the TS440SAT to get the FT-897.

Regards,

W7DAO

29298. WTB: 300hz CW filter for FT897/857/817

Yahoo group: FT897 (2010)
Date: 2010-03-01 02:16:00 UTC
From: John Geiger
Topic: 29298 Message: 29298

I am looking for the 300hz CW filter for my FT897D-also used in the FT857 and FT817. EIther the Yaesu, W4RT, or INRAD version is fine. I prefer to pay with paypal. Anyone have one available?

73s JOhn AA5JG

29299. cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 15:55:38 UTC
From: John
Topic: 29299 Message: 29299

Trying to connect HRD to FT897 but get message failed to read frequency,radio not on,any help would be appreciated

29300. Re: [FT897] Re:Noise Test

Yahoo group: FT897 (2010)
Date: 2010-03-01 17:59:18 UTC
From: tailfeathers
Topic: 29279 Message: 29300

I owned several Kenwoods and had my 897 beside 2 Kenwoods (a TS50 and a TS2000) and your right about the difference in audio...I wouldn't buy an 897 for its audio...You better want it for its features or you will be disappointed...

n8gsj

On 3/1/2010 8:29 AM, David Okrent wrote:
> I agree that is the best test. Also, as a TS440SAT past users playing with RF
> Gain, IPO, etc. is pretty natural for me, but it's not only noise it's
> fidelity and the Kenwood audio amplifiers seem to my ear to have more fidelity
> and discrimination, so the voice tends to come through a bit better over the
> noise than it does on the FT897D. However, I also admit that I may just be
> having a reconstructed memory as I can't compare the rigs side-by-side given I
> solt the TS440SAT to get the FT-897.
>
> Regards,
>
>
> W7DAO
>
>
>

Small Business Tools
Compete with the big boys. Click here to find products to benefit your business.
http://thirdpartyoffers.juno.com/TGL2141/c?cp=P1FpZdiZ-mMWy3Ro2pRYngAAJ1BGa6ejTVXr4Gi35pj1YZbJAAYAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAARMQAAAAA=

[Non-text portions of this message have been removed]

29301. Re: [FT897] 897 For Sale

Yahoo group: FT897 (2010)
Date: 2010-03-01 20:32:30 UTC
From: Bryce Anderson
Topic: 29289 Message: 29301

Ed,

I am interested
Please e-mail me at bryce2001@...

73,
Bryce
K6TI

On Sun, Feb 28, 2010 at 5:15 PM, Edward Maikranz <maikranze@...>wrote:

>
>
> Any one on this list interested in my 897 before I take it to a hamfest and
> try to sell it there?
>
> I have a very nice one, it has the Inrad 2.9 SSB filter, and the LDG meter.
> It is in excellent condition, comes in the box with the mic and manual.
> Trying to get about $725 for it.
>
> I like the radio, but I picked up an Icom 746 and prefer that one.
> Ed
> KG5UN
>
> [Non-text portions of this message have been removed]
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

29302. RE: [FT897] cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 20:35:17 UTC
From: Joseph Richard
Topic: 29299 Message: 29302

Did you try auto detect and let the computer cycle through all of the combinations? I recently picked up a CT-62 cable on eBay that uses a USB connector and you can download the driver and it works pretty well. I picked it up out of Rexburg Idaho.
http://cgi.ebay.com/USB-CT-62-Cable-for-Yaesu-FT-100-FT-817-FT-857-10-Feet_W0QQitemZ390160248145QQcategoryZ58352QQcmdZViewItemQQ_trksidZp4340.m263QQ_trkparmsZalgo%3DDLSL%252BSIC%26its%3DI%252BC%26itu%3DUCI%252BIA%252BUA%252BFICS%252BUFI%252BDDSIC%26otn%3D10%26po%3D%26ps%3D63%26clkid%3D8194019740140965407

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John
Sent: Monday, March 01, 2010 9:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] cat to FT 897

Trying to connect HRD to FT897 but get message failed to read frequency,radio not on,any help would be appreciated

---

Yahoo! Groups Links

29303. Re: [FT897] cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 20:36:18 UTC
From: Bryce Anderson
Topic: 29299 Message: 29303

I had the same problem
The com port was wrong
Use auto detect to get the correct com port, click on that set as the one to use on start up, then restart HRD.
(Leave the radio on)

Use HRD v4.1 (or 5) so it picks up the QRZ info.

On Mon, Mar 1, 2010 at 7:55 AM, John <aussiejohn@...> wrote:

>
>
> Trying to connect HRD to FT897 but get message failed to read
> frequency,radio not on,any help would be appreciated
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

29304. RE: [FT897] cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 21:01:27 UTC
From: eric@van-de-weyer.org
Topic: 29299 Message: 29304

Also, John,

have you checked that teh port is set to CAT and not to Linear? When set
ot Linear the CAT does not work. If you are using a linear and need it set
to Linear, you may need to use the front CAT port which connects via the
Microphone socket. You just need a small adaptor cable to connect it.

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Joseph Richard" <jrichard333@...>
>Date: Mon, 1 Mar 2010 14:35:17 -0600
>Subject: RE: [FT897] cat to FT 897
>Reply-To: FT897@yahoogroups.com
>
>
>Did you try auto detect and let the computer cycle through all of the
>combinations? I recently picked up a CT-62 cable on eBay that uses a USB
>connector and you can download the driver and it works pretty well. I
>picked it up out of Rexburg Idaho.
>http://cgi.ebay.com/USB-CT-62-Cable-for-Yaesu-FT-100-FT-817-FT-857-10-Feet_W
>0QQitemZ390160248145QQcategoryZ58352QQcmdZViewItemQQ_trksidZp4340.m263QQ_trk
>parmsZalgo%3DDLSL%252BSIC%26its%3DI%252BC%26itu%3DUCI%252BIA%252BUA%252BFICS
>%252BUFI%252BDDSIC%26otn%3D10%26po%3D%26ps%3D63%26clkid%3D8194019740140965407
>
>JR
>
>-----Original Message-----
>From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
John
>Sent: Monday, March 01, 2010 9:56 AM
>To: FT897@yahoogroups.com
>Subject: [FT897] cat to FT 897
>
>Trying to connect HRD to FT897 but get message failed to read
>frequency,radio not on,any help would be appreciated
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>Yahoo! Groups Links
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>Yahoo! Groups Links
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29305. RE: [FT897] cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 21:11:45 UTC
From: Dennis
Topic: 29299 Message: 29305

Also make sure the cable is inserted correctly. Yaesu designed the port somewhat smaller than the housing around the plug requiring many of us to have to trim the housing on the cable a little to get the plug to fully insert into the port.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bryce Anderson
Sent: Monday, March 01, 2010 2:36 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] cat to FT 897

I had the same problem
The com port was wrong
Use auto detect to get the correct com port, click on that set as the one to use on start up, then restart HRD.
(Leave the radio on)

Use HRD v4.1 (or 5) so it picks up the QRZ info.

On Mon, Mar 1, 2010 at 7:55 AM, John <aussiejohn@...> wrote:

>
>
> Trying to connect HRD to FT897 but get message failed to read
> frequency,radio not on,any help would be appreciated
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29306. Re: wrong "mode" adding log entry on HRD

Yahoo group: FT897 (2010)
Date: 2010-03-01 21:21:59 UTC
From: iz0inx
Topic: 29178 Message: 29306

Thanks for checking Bryce, yes, it may be that in the v5 this has been fixed.
I'm still using the v 4.1 build 2321 Beta, which is the last version before the architectural revolution on HRD.
Anyway, all settings are ok, everything is working fine, but the mode in the ALE (Adding Logbook Entry) window.
I've also monitored the data traffic on the serial interface, it looks like the packet containing the mode information is correctly sent.
So, I'm afraid it's a HRD bug

cheers,
Fil IZ0INX

--- In FT897@yahoogroups.com, Bryce Anderson <Bryce2001@...> wrote:
>
> I just loaded the latest version and everything seemed fine
> I will double check to see if I have the same problem
> With all the buttons, could it be you have the a wrong setting?
>
>

29307. Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-01 23:30:56 UTC
From: bill959uk
Topic: 29288 Message: 29307

Hi. The sgc 239 works too. It tunes my 40m loop to 6m perfectly. Managed to work some south Europe stations last summer, from my usually impossible "VHF" home QTH.
Regards, Bill, G6BCC

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> I noticed that there are a lot of tuners that go up to 30MHz than
> tuners that go all the way up through the 6m band. If you use one of
> the former, what do you do for 6m? Do you use a separate resonant
> antenna for 6m? Thanks.
>
>
>
> 73,
> Frank
>
>
>
> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>
> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>

29308. Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-02 20:25:49 UTC
From: pascalpete
Topic: 29308 Message: 29308

Searched online and this forum...please forgive the newbie question...

I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).

I have heard people/websites speak of a "CAT" cable and a "programming" cable.

Question #1: Are these the same thing? I *think* so but am not certain.

Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.

Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).

The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?

I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.

Again, please forgive the newbie questions...and thank you in advance for any constructive advice you can offer.

Peter Lee
K8ACS

29309. Re: [FT897] Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-02 21:04:15 UTC
From: Bob Jones
Topic: 29308 Message: 29309

Hi Peter,

The CAT cable is the Yaesu CT-62, sales for $30.00 at Gigaparts. This cable can be used for programming the radio and for programs such as MixW or HRD. You will need a Serial to USB adaptor. I use a USBGear FTDI logic device (sales for $24.95 from USBGear. The USBGear adaptor works with Windows XP, Vista, and Windows 7 as I have had all three with this adaptor. As for programing software I use FTBasicMMO available online for around $20.00 (I think). Hope this helps.

Bob
W4LCS/AAR4LB

--- On Tue, 3/2/10, pascalpete <YahooGroups@...> wrote:

From: pascalpete <YahooGroups@...>
Subject: [FT897] Newbie Help with USB CAT Cable for FT897D
To: FT897@yahoogroups.com
Date: Tuesday, March 2, 2010, 2:25 PM

Searched online and this forum...please forgive the newbie question...

I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).

I have heard people/websites speak of a "CAT" cable and a "programming" cable.

Question #1: Are these the same thing? I *think* so but am not certain.

Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.

Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).

The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?

I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.

Again, please forgive the newbie questions... and thank you in advance for any constructive advice you can offer.

Peter Lee
K8ACS

[Non-text portions of this message have been removed]

29310. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-02 21:36:21 UTC
From: pascalpete
Topic: 29308 Message: 29310

Thanks for the feedback, Bob.

Is there no "native" USB cable that will do the job?

Thanks.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, Bob Jones <lcsd512@...> wrote:
>
> Hi Peter,
> Â
> The CAT cable is the Yaesu CT-62, sales for $30.00 at Gigaparts. This cable can be used for programming the radio and for programs such as MixW or HRD. You will need a Serial to USB adaptor. I use a USBGear FTDI logic device (sales for $24.95 from USBGear. The USBGear adaptor works with Windows XP, Vista, and Windows 7 as I have had all three with this adaptor. As for programing software I use FTBasicMMO available online for around $20.00 (I think). Hope this helps.
> Â
> Bob
> W4LCS/AAR4LB
>
>
> --- On Tue, 3/2/10, pascalpete <YahooGroups@...> wrote:
>
>
> From: pascalpete <YahooGroups@...>
> Subject: [FT897] Newbie Help with USB CAT Cable for FT897D
> To: FT897@yahoogroups.com
> Date: Tuesday, March 2, 2010, 2:25 PM
>
>
> Â
>
>
>
> Searched online and this forum...please forgive the newbie question...
>
> I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).
>
> I have heard people/websites speak of a "CAT" cable and a "programming" cable.
>
> Question #1: Are these the same thing? I *think* so but am not certain.
>

> Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.
>
> Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).
>
> The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?
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> I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.
>
> Again, please forgive the newbie questions... and thank you in advance for any constructive advice you can offer.
>
> Peter Lee
> K8ACS
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> [Non-text portions of this message have been removed]
>

29311. Re: [FT897] Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-02 21:53:45 UTC
From: Bob Jones
Topic: 29308 Message: 29311

There may be but I do not know of one for the FT897D.

Bob
W4LCS/AAR4LB

--- On Tue, 3/2/10, pascalpete <YahooGroups@...> wrote:

From: pascalpete <YahooGroups@...>
Subject: [FT897] Re: Newbie Help with USB CAT Cable for FT897D
To: FT897@yahoogroups.com
Date: Tuesday, March 2, 2010, 3:36 PM

Thanks for the feedback, Bob.

Is there no "native" USB cable that will do the job?

Thanks.

Peter Lee
K8ACS

--- In FT897@yahoogroups. com, Bob Jones <lcsd512@... > wrote:
>
> Hi Peter,
> Â
> The CAT cable is the Yaesu CT-62, sales for $30.00 at Gigaparts. This cable can be used for programming the radio and for programs such as MixW or HRD. You will need a Serial to USB adaptor. I use a USBGear FTDI logic device (sales for $24.95 from USBGear. The USBGear adaptor works with Windows XP, Vista, and Windows 7 as I have had all three with this adaptor. As for programing software I use FTBasicMMO available online for around $20.00 (I think). Hope this helps.
> Â
> Bob
> W4LCS/AAR4LB
>
>
> --- On Tue, 3/2/10, pascalpete <YahooGroups@ ...> wrote:
>
>
> From: pascalpete <YahooGroups@ ...>
> Subject: [FT897] Newbie Help with USB CAT Cable for FT897D
> To: FT897@yahoogroups. com
> Date: Tuesday, March 2, 2010, 2:25 PM
>
>
> Â
>

>
>
> Searched online and this forum...please forgive the newbie question...
>
> I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).
>
> I have heard people/websites speak of a "CAT" cable and a "programming" cable.
>
> Question #1: Are these the same thing? I *think* so but am not certain.
>
> Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.
>
> Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).
>
> The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?
>
> I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.
>
> Again, please forgive the newbie questions... and thank you in advance for any constructive advice you can offer.
>
> Peter Lee
> K8ACS
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

29312. RE: [FT897] Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 00:38:44 UTC
From: Mike Ernst
Topic: 29308 Message: 29312

Peter,

First of all CAT stands for Computer Aided Transceiver (according to my FT-897D Manual). Essentially it is a data port on your rig that can be used for a computer to pass commands to the rig. On Yaesu it is an 8-pin mini din connector (the same connector as a computer keyboard used to use at one time before they all became USB). On Yaesu it can do two things. It can be used to program your radio, such as reading from or writing to the radio for programming frequencies into memory, or for setting the menu values. It can also be used to control the rig (change the frequency mode, etc.) with the use of the correct program, such as Ham Radio Deluxe.

The intent is for this cable to hook up to a serial port on a computer. In fact the Yaesu cable is a CT62 and I believe it is serial. But Yaesu definitely offers both. They do charge and arm and a leg for them, though. However, many computers these days have no com ports. So the solution is to either buy an 8-pin to serial cable and a serial to USB converter cable and hook them together, or buy a cable that goes directly to USB. In this second case they have actually built in the serial to USB converter chip right in the cable. I bought my cable from China and other than slow delivery (about 2 weeks for it to get through customs) it works great. The disk that comes with the cable is the Windows Driver disk.

The software you use then really depends on what you want to do with the computer. If you want to do rig control, there are lots of free programs. I use Ham Radio Deluxe and love it. But if you are going to work digital modes you will need another cable run and a separate sound card to do the converting. Some folks use the PC sound card, but that causes other issues because windows want to use that card for sounds and the Rig Control software wants to use it for rig communication. So best to just have the separate interface.

If you want to program the radio, I think most of the software is not free. I use FTBasicMMO which works well, I know there are others.

I think this answered most of your questions. If you have more ask and I will answer as best I can.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of pascalpete
Sent: Tuesday, March 02, 2010 3:26 PM
To: FT897@yahoogroups.com
Subject: [FT897] Newbie Help with USB CAT Cable for FT897D

Searched online and this forum...please forgive the newbie question...

I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).

I have heard people/websites speak of a "CAT" cable and a "programming" cable.

Question #1: Are these the same thing? I *think* so but am not certain.

Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.

Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).

The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?

I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.

Again, please forgive the newbie questions...and thank you in advance for any constructive advice you can offer.

Peter Lee
K8ACS

[Non-text portions of this message have been removed]

29313. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 00:51:53 UTC
From: stykemup
Topic: 29308 Message: 29313

There are several sellers on Ebay that carry the USB cable you need. CT-62 USB.
I use a serial cable as my laptop has a serial input on it. It works perfectly.
The price was about $20.
I would go with a USB cable as that's the way the PC's go these days.
I use HRD and also the ADMS-4B programming software.
If you need more info contact me off line at k3waw@...

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Searched online and this forum...please forgive the newbie question...
>
> I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).
>
> I have heard people/websites speak of a "CAT" cable and a "programming" cable.
>
> Question #1: Are these the same thing? I *think* so but am not certain.
>
> Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.
>
> Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).
>
> The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?
>
> I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.
>
> Again, please forgive the newbie questions...and thank you in advance for any constructive advice you can offer.
>
> Peter Lee
> K8ACS
>

29314. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 04:01:22 UTC
From: pascalpete
Topic: 29308 Message: 29314

Thank you, Mike. That is quite helpful.

73

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> Peter,
>
>
>
> First of all CAT stands for Computer Aided Transceiver (according to my
> FT-897D Manual). Essentially it is a data port on your rig that can be used
> for a computer to pass commands to the rig. On Yaesu it is an 8-pin mini din
> connector (the same connector as a computer keyboard used to use at one time
> before they all became USB). On Yaesu it can do two things. It can be used
> to program your radio, such as reading from or writing to the radio for
> programming frequencies into memory, or for setting the menu values. It can
> also be used to control the rig (change the frequency mode, etc.) with the
> use of the correct program, such as Ham Radio Deluxe.
>
>
>
> The intent is for this cable to hook up to a serial port on a computer. In
> fact the Yaesu cable is a CT62 and I believe it is serial. But Yaesu
> definitely offers both. They do charge and arm and a leg for them, though.
> However, many computers these days have no com ports. So the solution is to
> either buy an 8-pin to serial cable and a serial to USB converter cable and
> hook them together, or buy a cable that goes directly to USB. In this second
> case they have actually built in the serial to USB converter chip right in
> the cable. I bought my cable from China and other than slow delivery (about
> 2 weeks for it to get through customs) it works great. The disk that comes
> with the cable is the Windows Driver disk.
>
>
>
> The software you use then really depends on what you want to do with the
> computer. If you want to do rig control, there are lots of free programs. I
> use Ham Radio Deluxe and love it. But if you are going to work digital modes
> you will need another cable run and a separate sound card to do the
> converting. Some folks use the PC sound card, but that causes other issues
> because windows want to use that card for sounds and the Rig Control
> software wants to use it for rig communication. So best to just have the
> separate interface.

>
>
>
> If you want to program the radio, I think most of the software is not free.
> I use FTBasicMMO which works well, I know there are others.
>
>
>
> I think this answered most of your questions. If you have more ask and I
> will answer as best I can.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> pascalpete
> Sent: Tuesday, March 02, 2010 3:26 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Newbie Help with USB CAT Cable for FT897D
>
>
>
>
>
>
> Searched online and this forum...please forgive the newbie question...
>
> I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am
> a new ham and a new owner of this radio (bought it used).
>
> I have heard people/websites speak of a "CAT" cable and a "programming"
> cable.
>
> Question #1: Are these the same thing? I *think* so but am not certain.
>
> Question #2: I have looked online for the USB version of the cable and I
> keep coming across vendors out of Hong Kong with a USB cable with no
> software. Is this a bad idea? I am not keen on ordering something from so
> far away...and what about a driver for the USB cable? This seems like a bad
> idea.
>
> Question 3: An electronics store I have bought stuff from in the past
> indicates there is a $40 software package (advanced data management) that
> comes with a USB cable that is "officially" sanctioned by Yaesu...but the
> reviews of the software indicate it is terrible...and I don't think I NEED
> the software...just the USB cable and driver (seems like there are lots of

> software packages out there, both free and for pay).
>
> The BIG question (3) is: Can anyone point me to a trusted source for a USB
> cat cable (and driver) in the US? Or am I completely not understanding this
> whole CAT cable thing?
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> I am very computer savvy and have no desire to mess with a DB-9 serial
> port-to-USB converter.
>
> Again, please forgive the newbie questions...and thank you in advance for
> any constructive advice you can offer.
>
> Peter Lee
> K8ACS
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>
> [Non-text portions of this message have been removed]
>

29315. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 04:02:29 UTC
From: pascalpete
Topic: 29308 Message: 29315

Thanks for the info.

Peter
K8ACS

--- In FT897@yahoogroups.com, "stykemup" <k3waw@...> wrote:
>
> There are several sellers on Ebay that carry the USB cable you need. CT-62 USB.
> I use a serial cable as my laptop has a serial input on it. It works perfectly.
> The price was about $20.
> I would go with a USB cable as that's the way the PC's go these days.
> I use HRD and also the ADMS-4B programming software.
> If you need more info contact me off line at k3waw@...
>
> --- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@> wrote:
> >
> > Searched online and this forum...please forgive the newbie question...
> >
> > I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).
> >
> > I have heard people/websites speak of a "CAT" cable and a "programming" cable.
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> > Question #1: Are these the same thing? I *think* so but am not certain.
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> > Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.
> >
> > Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).
> >
> > The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?
> >
> > I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.
> >
> > Again, please forgive the newbie questions...and thank you in advance for any constructive advice you can offer.
> >

> > Peter Lee
> > K8ACS
> >
>

29316. WTB: Inrad, W4RT or other 300Hz CW filter for my FT-817

Yahoo group: FT897 (2010)
Date: 2010-03-02 21:17:42 UTC
From: Bob - K2KI
Topic: 29316 Message: 29316

Hi all,

As the title says it all, I am looking for a 300Hz CW filter for my newly acquired FT-817.

I know John Geiger AA5JG was asking for one the other day so I don't want to take a potential buy from him, so if you have contacted him and he says he is all set, then please contact me offlist if you have one.

I can pay with PayPal or Money Order.

I look forward to any responses.

Thanks es 73...
Bob de k2ki
k2ki {AT} starc {DOT} org

29317. Re: [FT897] cat to FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-01 21:18:12 UTC
From: John
Topic: 29299 Message: 29317

Thanks Bryce will try that later,I did try auto detect but it came up with
the wrong com port,pulling my hair out,been at it for days

John
----- Original Message -----
From: "Bryce Anderson" <Bryce2001@...>
To: <FT897@yahoogroups.com>
Sent: Monday, March 01, 2010 8:36 PM
Subject: Re: [FT897] cat to FT 897

>I had the same problem
> The com port was wrong
> Use auto detect to get the correct com port, click on that set as the one
> to
> use on start up, then restart HRD.
> (Leave the radio on)
>
> Use HRD v4.1 (or 5) so it picks up the QRZ info.
>
> On Mon, Mar 1, 2010 at 7:55 AM, John <aussiejohn@...> wrote:
>
>>
>>
>> Trying to connect HRD to FT897 but get message failed to read
>> frequency,radio not on,any help would be appreciated
>>
>>
>>
>
>
>
> --
> B Anderson
> K 6 TI
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.733 / Virus Database: 271.1.1/2716 - Release Date: 03/01/10
07:34:00

29318. Re: [FT897] Re: wrong "mode" adding log entry on HRD

Yahoo group: FT897 (2010)
Date: 2010-03-01 22:11:27 UTC
From: John
Topic: 29178 Message: 29318

Thanks to everyone who has answered,still struggling,

John
----- Original Message -----
From: iz0inx
To: FT897@yahoogroups.com
Sent: Monday, March 01, 2010 9:21 PM
Subject: [FT897] Re: wrong "mode" adding log entry on HRD

Thanks for checking Bryce, yes, it may be that in the v5 this has been fixed.
I'm still using the v 4.1 build 2321 Beta, which is the last version before the architectural revolution on HRD.
Anyway, all settings are ok, everything is working fine, but the mode in the ALE (Adding Logbook Entry) window.
I've also monitored the data traffic on the serial interface, it looks like the packet containing the mode information is correctly sent.
So, I'm afraid it's a HRD bug

cheers,
Fil IZ0INX

--- In FT897@yahoogroups.com, Bryce Anderson <Bryce2001@...> wrote:
>
> I just loaded the latest version and everything seemed fine
> I will double check to see if I have the same problem
> With all the buttons, could it be you have the a wrong setting?
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.733 / Virus Database: 271.1.1/2716 - Release Date: 03/01/10 07:34:00

[Non-text portions of this message have been removed]

29319. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 13:17:43 UTC
From: David Okrent
Topic: 29308 Message: 29319

Yes there is a third party CAT cable with the serial converter built in so it can be used for SUB ports for about $35. You can find it HERO, Cheap Ham, etc. However, getting the right drivers can be difficult, but not impossible via the Internet. For my laptop the drivers are fine, but it only works with Com 6 using HRD. Maybe me, maybe my piece of crap Toshiba (never buy Toshiba computers).

Work Email: david.a.okrent@...
Home Email: dokrent@...

29320. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 16:55:55 UTC
From: JonP
Topic: 29308 Message: 29320

>>Essentially it is a data port on your rig that can be used
for a computer to pass commands to the rig.

NOTE that this is NOT the DATA connector, which is a separate 6pin mini-DIN that's used for feeding digital signals into the rig.

Jon
KB1QBZ

29321. RE: [FT897] Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-03 18:34:57 UTC
From: Mike Ernst
Topic: 29308 Message: 29321

Jon,

You're right - I misspoke. The 8 pin is the CAT port for rig control. The 6 pin is the Data port.

In HRD Suite, you can have both ports connected via separate cables to USB ports on the PC (I do on mine). HRD main program uses the CAT port via one USB cable (direct from radio to PC) to control the radio (switch frequency, change modes, edit menu settings, etc.) DM780 uses the data port via a second cable that actually runs on my rig to the SignaLink and then from the SignaLink to a second USB port on the PC for digital work (PSK, MT63, Olivia, etc.)

Sorry for the confusion.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JonP
Sent: Wednesday, March 03, 2010 11:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Newbie Help with USB CAT Cable for FT897D

>>Essentially it is a data port on your rig that can be used for a computer to pass commands to the rig.

NOTE that this is NOT the DATA connector, which is a separate 6pin mini-DIN that's used for feeding digital signals into the rig.

Jon
KB1QBZ

[Non-text portions of this message have been removed]

29322. Re: [FT897] Re: auto tuners for 6m

Yahoo group: FT897 (2010)
Date: 2010-03-04 02:21:53 UTC
From: ZephyrNYC
Topic: 29288 Message: 29322

This is good to know. I wish I had found out sooner. I saw a used 239
go for $100. It even had a return policy.

73,
Frank

On 2010-03-01, bill959uk <billpoorcroft@...> wrote:
> Hi. The sgc 239 works too. It tunes my 40m loop to 6m perfectly. Managed to
> work some south Europe stations last summer, from my usually impossible
> "VHF" home QTH.
> Regards, Bill, G6BCC
>
> --- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>>
>> I noticed that there are a lot of tuners that go up to 30MHz than
>> tuners that go all the way up through the 6m band. If you use one of
>> the former, what do you do for 6m? Do you use a separate resonant
>> antenna for 6m? Thanks.
>>
>>
>>
>> 73,
>> Frank
>>
>>
>>
>> February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a
>>
>> Have you seen the secret codes on facebook? http://bit.ly/aYSO5I
>>
>
>
>

--
February 2010 is Heart Disease Awareness Month. http://bit.ly/ceAY2a

Have you seen the secret codes on facebook? http://bit.ly/aYSO5I

If you have Twitter, please Tweet this:

Pls RT- Today begins Heart Disease Awareness Month. http://bit.ly/ceAY2a
Have you seen secret codes on facebook? http://bit.ly/aYSO5I

29323. Re: [FT897] Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-04 19:17:35 UTC
From: Dale Blanchard
Topic: 29308 Message: 29323

>
http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-225.html

Try this place. It is what I use.
Dale wa7ixk

>
>
> There may be but I do not know of one for the FT897D.
>
> Bob
> W4LCS/AAR4LB
>
> --- On Tue, 3/2/10, pascalpete <YahooGroups@...
> <mailto:YahooGroups%40isshomefront.com>> wrote:
>
> >
>
>
> Thanks for the feedback, Bob.
>
> Is there no "native" USB cable that will do the job?
>
> Thanks.
>
> Peter Lee
> K8ACS
>

29324. Last few headsets for sale

Yahoo group: FT897 (2010)
Date: 2010-03-05 18:51:34 UTC
From: m0xdx
Topic: 29324 Message: 29324

I am selling my last 3 new FT817/857/897 headsets on e-bay.co.uk at the moment,in UK only auctions.
Please take a look here if you are interested.:

http://cgi.ebay.co.uk/New-Headset-Microphone-for-Yaesu-897-857-817-450-900_W0QQitemZ280473780418QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item414d8a40c2

http://cgi.ebay.co.uk/New-Headset-Microphone-for-Yaesu-897-857-817-450-900_W0QQitemZ280473780871QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item414d8a4287

http://cgi.ebay.co.uk/New-Headset-Microphone-for-Yaesu-897-857-817-450-900_W0QQitemZ280471863678QQcmdZViewItemQQptZUK_ConsumerElectronics_SpecialistRadioEquipment_SM?hash=item414d6d017e

Paul,M0XDX

29325. FOR SALE: YAESU FT897D + LDG AT-897

Yahoo group: FT897 (2010)
Date: 2010-03-06 18:16:50 UTC
From: donjan7
Topic: 29325 Message: 29325

RADIO WITH TUNER ATTACHED. TUNER COVERS 160-6 METERS. INCLUDES: TUNER, POWER CORD, MH-31 MIKE, ORIGINAL BOX, ORIGINAL MANUAL FOR RADIO AND TUNER, W7YEN QUICK SET-UP CARD, SERVICE MANUAL. PERFECT OPERATION - NO ISSUES, PERFECT COSMETICALLY. NON SMOKING SHACK. REASON FOR SELLING: BOUGHT AN FT-950.

$825 BY USPS MONEY ORDER INCLUDING SHIPPING/INSURANCE. PAYPAL +4%.
EMAIL K6RV (AT) earthlink.net (Pictures on request

29326. FT-897 manual RF gain control - remote control via software

Yahoo group: FT897 (2010)
Date: 2010-03-07 00:46:25 UTC
From: Jim M
Topic: 29326 Message: 29326

Has anyone accomplished the remote software control of the RF gain control? I have HRD and was wondering how to include HRD control of the RF Gain control.
Jim M
AF1MR

29327. Re: [FT897] FT-897 manual RF gain control - remote control via software

Yahoo group: FT897 (2010)
Date: 2010-03-07 04:12:09 UTC
From: Finnigann
Topic: 29326 Message: 29327

On Sat, 06 Mar 2010 19:46:25 -0500, Jim M <jimthescot989@...>
wrote:

>
> Has anyone accomplished the remote software control of the RF gain
> control? I have HRD and was wondering how to include HRD control of the
> RF Gain control.
> Jim M
> AF1MR

If you don't get an answer here, try here:
ham-radio-deluxe@yahoogroups.com

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29328. SWR

Yahoo group: FT897 (2010)
Date: 2010-03-04 16:56:15 UTC
From: maflake
Topic: 4195 Message: 29328

I was able to turn on the SWR meter but I was wondering if you can change the signal scale to numerics in order to get a number not just hash marks.

29329. hello all have new ft897 new to group

Yahoo group: FT897 (2010)
Date: 2010-03-03 22:51:28 UTC
From: mark
Topic: 29329 Message: 29329

hi all i new here just purchased a 897d just wanted introduce myself to group my call is m6gog name mark qth is lincolnshire uk

if anyone can help me iam looking for frq lists uk repaeter and hf to load into radio memory

i have cat cable / use hrd and have first basic mmo using xp on pc

any help would be great advice accepted
thanks 73s for now regards m6gog

29330. Re: Newbie Help with USB CAT Cable for FT897D

Yahoo group: FT897 (2010)
Date: 2010-03-06 15:34:56 UTC
From: bob.thornton26
Topic: 29308 Message: 29330

I just received one of those cheap USB cables off Ebay from Hong Kong with no software, ten days order to doorstep. I managed to identify it as based on a Prolific 2303 chip and downloaded their driver. It failed to work on Vista. Searched and found a workaround http://alquistconsulting.blogspot.com/2006/11/prolific-pl-2303-usb-to-rs232-on-vista.html suggesting to install it on Win98 first and then copy folder across but then someone suggested http://www.cooldrives.com/wividrforprc.html which worked first time for me and I have now got Ham Radio Deluxe working fine with my 897 and laptop. Will fire up the Win98 that will act as my server later and then try the original driver from http://www.prolific.com.tw/eng/downloads.asp?ID=31 first. Hope this helps.
I have been off the air for 35 years so I must now rank as a Newbie again despite my 1967 callsign!

Bob
G3WKW

--- In FT897@yahoogroups.com, "stykemup" <k3waw@...> wrote:
>
> There are several sellers on Ebay that carry the USB cable you need. CT-62 USB.
> I use a serial cable as my laptop has a serial input on it. It works perfectly.
> The price was about $20.
> I would go with a USB cable as that's the way the PC's go these days.
> I use HRD and also the ADMS-4B programming software.
> If you need more info contact me off line at k3waw@...
>
> --- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@> wrote:
> >
> > Searched online and this forum...please forgive the newbie question...
> >
> > I am thoroughly confused regarding the CAT cable for the Yaesu Ft-897D. I am a new ham and a new owner of this radio (bought it used).
> >
> > I have heard people/websites speak of a "CAT" cable and a "programming" cable.
> >
> > Question #1: Are these the same thing? I *think* so but am not certain.
> >
> > Question #2: I have looked online for the USB version of the cable and I keep coming across vendors out of Hong Kong with a USB cable with no software. Is this a bad idea? I am not keen on ordering something from so far away...and what about a driver for the USB cable? This seems like a bad idea.
> >
> > Question 3: An electronics store I have bought stuff from in the past indicates there is a $40 software package (advanced data management) that comes with a USB cable that is "officially" sanctioned by Yaesu...but the reviews of the software indicate it is terrible...and I don't think I NEED the software...just the USB cable and driver (seems like there are lots of software packages out there, both free and for pay).

> >
> > The BIG question (3) is: Can anyone point me to a trusted source for a USB cat cable (and driver) in the US? Or am I completely not understanding this whole CAT cable thing?
> >
> > I am very computer savvy and have no desire to mess with a DB-9 serial port-to-USB converter.
> >
> > Again, please forgive the newbie questions...and thank you in advance for any constructive advice you can offer.
> >
> > Peter Lee
> > K8ACS
> >
>

29331. Problem with two meters shutting down to 6 watts output only

Yahoo group: FT897 (2010)
Date: 2010-03-03 06:46:08 UTC
From: Owen
Topic: 29331 Message: 29331

Well was having a problem and all of a sudden all I could get out of the radio was 6 watts output On 2 meters on 147.090/147.690 repeater checked the antenna swr with the cross needle and it was 1.2:1 which should not have been a problem and was running 50 watts output. Checked the power supply of the fp30 it is good help please. the call is AC8OH.

29332. FT-897 ALC and digital modes looses alc drive ?

Yahoo group: FT897 (2010)
Date: 2010-03-04 17:43:40 UTC
From: Ron
Topic: 29332 Message: 29332

Hello All,

I have had my ft-897d about a year, got most of the menu functions
down pat but have a question about alc drive and digital modes.

Sometimes when changing frequency via dial or memory, after I go
to transmit I have no alc drive in my display any more and I did not touch sound card
settings in the rigblaster plug and play.
If I am using winwarbler for psk and hit the optimize button
that seems to bring back the proper alc drive and display.
That button says it sets the xcvr frequency for optimal audio offset.
If I try oliva in multipsk, If I dial in a oliva transmition and then start the program all
is fine. Once I hit transciever control and change
a channel/frequency I loose alc drive / display .

For a newbie to digital modes what am I doing wrong ? :-)
Do I need to set audio offset before first transmissions... ?

Thanks, Ron

29333. Alignment & tune up

Yahoo group: FT897 (2010)
Date: 2010-03-06 01:30:42 UTC
From: Sean and Lanie
Topic: 29333 Message: 29333

Pardon the newb question, but...
Does the FT897D need any type of tune & alignment? I bought this unit brand new from HRO a few years ago, and never had it tuned up. Is this something that should/needs to be done? If so, any suggestions where I can have this done. My QTH is Vancouver, Washington.
Thank you!

29334. RE: [FT897] SWR

Yahoo group: FT897 (2010)
Date: 2010-03-07 06:32:12 UTC
From: Dennis
Topic: 4195 Message: 29334

Not that I am aware of.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of maflake
Sent: Thursday, March 04, 2010 10:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] SWR

I was able to turn on the SWR meter but I was wondering if you can change the signal scale to numerics in order to get a number not just hash marks.

[Non-text portions of this message have been removed]

29335. Re: [FT897] Alignment & tune up

Yahoo group: FT897 (2010)
Date: 2010-03-07 09:09:37 UTC
From: "Glenn (KØBO)"
Topic: 29333 Message: 29335

Sean and Lanie wrote:
> Pardon the newb question, but...
> Does the FT897D need any type of tune & alignment? I bought this unit brand new from HRO a few years ago, and never had it tuned up. Is this something that should/needs to be done? If so, any suggestions where I can have this done. My QTH is Vancouver, Washington.
> Thank you!
>
Hi!
You should not need to tune up any of the Solid state radios unless you've made changes such as replacing the transistor. But, if you do decide to tinker, there are several bias adjustments that are posted on the internet that will be wrong for your version of the radio. In fact, I've found postings from people who claim to have found the bias set wrong on their radio when in fact, the initial settings were correct for the revision of the radio they had. In any case, make note of the Before settings incase you find you need to go back to them.

My opinion is that unless you have a verifiable problem, leave the alignment alone.

73!

29336. Re: [FT897] SWR

Yahoo group: FT897 (2010)
Date: 2010-03-07 10:31:03 UTC
From: Tom Ahola
Topic: 4195 Message: 29336

Hi,
It is not possible to enable SWR scale readings. I also find the lack of SWR scale information on the radio or manual very annoying. I created a printable scale that you can find from the files section of this group. You can stick it on top of your radio, add to you manual or memorize it. Some claim there are errors in my scale because external FT meters you can plug to the socket under the radio has a different scale. However, I believe the external meters are wrong because their infinite SWR tick is not at the full scale of the meter and thus they show more than infinite SWR at very high mismatch conditions. Anyway, consider the SWR only as an indication, not an accurate measurement.

73 de OH2FRM Tom

29337. Re: [FT897] hello all have new ft897 new to group

Yahoo group: FT897 (2010)
Date: 2010-03-07 14:27:25 UTC
From: Finnigann
Topic: 29329 Message: 29337

On Wed, 03 Mar 2010 17:51:28 -0500, mark <m6gog@...> wrote:

>
> hi all i new here just purchased a 897d just wanted introduce myself to
> group my call is m6gog name mark qth is lincolnshire uk

Greetings!

Is this your first radio?

>

> if anyone can help me iam looking for frq lists uk repaeter and hf to
> load into radio memory.

I can't recommend on over another, so here's GOOGLE to help.

http://tinyurl.com/yh9shrw

>

> i have cat cable / use hrd and have first basic mmo using xp on pc

> any help would be great advice accepted
> thanks 73s for now regards m6gog

BTW your Call Sign didn't come up with anything. I searched WM7D's
database. It's always hit before.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29338. UN-SUBSCRIBE

Yahoo group: FT897 (2010)
Date: 2010-03-07 15:00:47 UTC
From: Sandra Cavallucci
Topic: 29329 Message: 29338

OLEASE UN-SUBSCRIBE ME FROM THIS GROUP

--- On Sun, 7/3/10, Finnigann <finnigann2580@...> wrote:

From: Finnigann <finnigann2580@...>
Subject: Re: [FT897] hello all have new ft897 new to group
To: FT897@yahoogroups.com
Date: Sunday, 7 March, 2010, 14:27

On Wed, 03 Mar 2010 17:51:28 -0500, mark <m6gog@.... uk> wrote:

>
> hi all i new here just purchased a 897d just wanted introduce myself to
> group my call is m6gog name mark qth is lincolnshire uk

Greetings!

Is this your first radio?

>

> if anyone can help me iam looking for frq lists uk repaeter and hf to
> load into radio memory.

I can't recommend on over another, so here's GOOGLE to help.

http://tinyurl. com/yh9shrw

>

> i have cat cable / use hrd and have first basic mmo using xp on pc

> any help would be great advice accepted
> thanks 73s for now regards m6gog

BTW your Call Sign didn't come up with anything. I searched WM7D's
database. It's always hit before.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl. com/bcarc12

http://my.opera. com/Finnigann/ blog

http://community. webshots. com/user/ finnigann

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29339. Re: [FT897] UN-SUBSCRIBE

Yahoo group: FT897 (2010)
Date: 2010-03-07 15:27:12 UTC
From: Carl Wulfestieg
Topic: 29329 Message: 29339

Sandra- Sorry, you have to do it yourself- Here's how-
On this message, scroll way down to the very LAST LINE on the message-
Hopefully, you will see the word "UNSUBSCRIBE"
Can you guess what might happen if you left click on the word UNSUBSCRIBE??
Good Luck 73 Carl WZ4CW

[Non-text portions of this message have been removed]

29340. Re:FT-897 ALC and digital modes looses alc drive ?

Yahoo group: FT897 (2010)
Date: 2010-03-07 15:40:10 UTC
From: Jon Perelstein
Topic: 29332 Message: 29340

Ron,

I'm not sure what you mean when you say that "after I go to transmit I have no alc drive in my display any more"? Do you mean that you can't set the meter display to ALC, or that the bar graph is not displaying any ALC when you set the meter display to ALC?

1. If it's the former (you can't get at the ALC display):

Just to review the settings: ALC is shown as one of the meter displays and is accessible through Multi Function Row "i" (MFi). Press the F key, then rotate the MEM/VFO CH knob to get row i on the display. Then use the A key to allow display and the B key to select what is displayed on transmit. You can cycle through PWR, MOD, SWR, ALC while transmitting (a very nice feature).

If it's this, I'm not sure. Try the A key to enable ALC display -- but do it on the band/with the memory item that you're using to try to transmit. On the FT-897, there are some things that stay the same as you move from band to band and some things that stay the same (even if you're not in memory mode) and this may be one of them.

Also, check menu item 61 (MTR ATX SEL) which is used to select the meter display configuration when transmitting.

2. If it's the latter (you're just not getting any ALC reading, but you can see the ALC meter).

This is a good thing!!!! You do not want ALC when operating PSK. ALC indicates that you have to high an audio level into the rig and you're overdriving the modulation process. That results in a distorted signal and also result in a PSK signal that is much wider than it should be. In addition, at a high enough level it will actually result in "ghost" signals -- people will see your signal at two different spots on the band.

The West Mountain Radio people have a very good suggested approach for setting up a radio for PSK, as follows:

a. Set your rig's power at or near full power.

b. Set the output from the computer (the playback volume of the speaker/line) and/or the transmit volume control of your interface (if it has one) and/or the input volume of the rig (in this case FT-897 menu item 37) so that you get the desired power output (typically 20 or 30 watts for PSK). Use a combination of as many of the controls as you have so that no one control is at a max or min extreme.

That should give you your desired output with no ALC reading -- thus giving you a nice clean signal with good IMD and S/N ratio. I use this approach and have experimented using an IMD meter -- my cleanest signal is when I follow this approach.

Jon
KB1QBZ

[Non-text portions of this message have been removed]

29341. Re: SWR

Yahoo group: FT897 (2010)
Date: 2010-03-07 15:35:43 UTC
From: john_kb0ne
Topic: 4195 Message: 29341

An external meter is probably the only way to get real numbers for any of this. Check out the LDG meter for the 897. It may be about the best bet for getting what you want.... or adapt a surplus meter movement by adding your own meter face if so inclined.

John KB0NE

> I was able to turn on the SWR meter but I was wondering if you can change
> the signal scale to numerics in order to get a number not just hash marks.
>
> [Non-text portions of this message have been removed]

29342. Re: UN-SUBSCRIBE

Yahoo group: FT897 (2010)
Date: 2010-03-07 20:55:57 UTC
From: oldmayorkd5lbe
Topic: 29329 Message: 29342

Mark Henman, If you are new to Ham radio I would suggest that you you scan the radio during the times that you want to listen and write down the the frequencies that you hear activity on. There are often repeaters listed some place but little activity. Then ask the people you hear if there are other frequencies. Remember you might have to search for a ton. For those that couldn't find Mark in a data base try eHam. Good luck in your venture into Ham radio Stewart Nelson KD5LBE

--- In FT897@yahoogroups.com, Sandra Cavallucci <s.cavallucci@...> wrote:
>
> OLEASE UN-SUBSCRIBE ME FROM THIS GROUP
>
> --- On Sun, 7/3/10, Finnigann <finnigann2580@...> wrote:
>
>
> From: Finnigann <finnigann2580@...>
> Subject: Re: [FT897] hello all have new ft897 new to group
> To: FT897@yahoogroups.com
> Date: Sunday, 7 March, 2010, 14:27
>
>
> Â
>
>
>
> On Wed, 03 Mar 2010 17:51:28 -0500, mark <m6gog@... uk> wrote:
>
> >
> > hi all i new here just purchased a 897d just wanted introduce myself to
> > group my call is m6gog name mark qth is lincolnshire uk
>
> Greetings!
>
> Is this your first radio?
>
> >
>
> > if anyone can help me iam looking for frq lists uk repaeter and hf to
> > load into radio memory.
>
> I can't recommend on over another, so here's GOOGLE to help.
>
> http://tinyurl. com/yh9shrw
>
> >
>

> > i have cat cable / use hrd and have first basic mmo using xp on pc
>
> > any help would be great advice accepted
> > thanks 73s for now regards m6gog
>
> BTW your Call Sign didn't come up with anything. I searched WM7D's
> database. It's always hit before.
>
> --
>
> 73'S
>
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>

> HTTP://www.tinyurl. com/bcarc12
>
> http://my.opera. com/Finnigann/ blog
>
> http://community. webshots. com/user/ finnigann
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

29343. Re: Problem with two meters shutting down to 6 watts output only

Yahoo group: FT897 (2010)
Date: 2010-03-07 21:26:43 UTC
From: oldmayorkd5lbe
Topic: 29331 Message: 29343

Take your manual and go over every setting in the back and be sure that they are right. Some place in our thread there was another Ham with exactly the same problem about a month ago.

The biggest problem we have in Ham radio today is that there are to many buttons and two many settings for each button. Start from the beginning with every button.

--- In FT897@yahoogroups.com, "Owen" <ojhckh@...> wrote:
>
> Well was having a problem and all of a sudden all I could get out of the radio was 6 watts output On 2 meters on 147.090/147.690 repeater checked the antenna swr with the cross needle and it was 1.2:1 which should not have been a problem and was running 50 watts output. Checked the power supply of the fp30 it is good help please. the call is AC8OH.
>

29344. Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-08 03:59:47 UTC
From: Sean
Topic: 29344 Message: 29344

Looking for mic suggestions for my 897D. I'm kinda leaning toward a Heil, but open to others. Chip at Heil suggested the GM-5. Would this be a good choice?
Thanks for the input!

29345. sstv psk31

Yahoo group: FT897 (2010)
Date: 2010-03-07 09:04:51 UTC
From: michal
Topic: 29345 Message: 29345

as a new onder for the FT897 looking for data modes that works
with the 897 so would be please to hear from any one that knows the best
software for sstv psk31 etc

thank very much for all your help

MICHAEL SEAWARD M0SMJ

29346. Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-08 11:12:41 UTC
From: nr3r15
Topic: 29344 Message: 29346

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Looking for mic suggestions for my 897D.

Any Heil will be great with the 897. For a desk mic I use the HM-10 Dual. That mic has BOTH elements in it, the HC4 and HC5 so I get the best of both. I use Heil on all my radios. From the Proset Plus, The Travler headset and I have an older HMM-10 (I think) which is a hand mic. I even have an adapter to hook up the Travler head set to my VX7 HT. Whateve you choose you won't go wrong with them.

Larry / nr3r

29347. RE: [FT897] sstv psk31

Yahoo group: FT897 (2010)
Date: 2010-03-08 11:52:28 UTC
From: Ken Bandy
Topic: 29345 Message: 29347

Michael, you might look at MultiPSK. It handles LOTS of digital modes, including SSTV and PSK 31. The free version will work well for you. I use WinWarbler for PSK 31 most of the time. It is one of the DXLab Suite of programs, and as such interfaces seamlessly with the logging program DXKeeper, as well as Commander for rig control and several other programs. Actually, MultiPSK will log to DXKeeper, as well. Another good thing about both of these programs is both of their authors are very accessible and offer great support!

73,
Ken
KJ9B

> -----Original Message-----
> From: michal [mailto:michael.m0smj@...]
> Sent: Sunday, March 07, 2010 4:05 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] sstv psk31
>
> as a new onder for the FT897 looking for data modes that works
> with the 897 so would be please to hear from any one that
> knows the best
> software for sstv psk31 etc
>
> thank very much for all your help
>
> MICHAEL SEAWARD M0SMJ

29348. Re: [FT897] Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-08 13:33:00 UTC
From: ZephyrNYC
Topic: 29344 Message: 29348

Sean, are you from Hawai'i?

By the way, who makes those vintage radio looking mics- the custom ones that you can get with your callsign? I thought Heil makes them but didn't see them on their website. Thanks.

73, Frank

--

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

29349. LDG AT897

Yahoo group: FT897 (2010)
Date: 2010-03-09 19:18:00 UTC
From: RicardoH
Topic: 24304 Message: 29349

I have an AT-897 tuner and I want to use a mobile mount with my FT-897 has any one used the three together. I suspect a mod will be required just how much of a mod is the question.

Ric
KJ6DOY

29350. Re: [FT897] LDG AT897

Yahoo group: FT897 (2010)
Date: 2010-03-09 21:04:57 UTC
From: Gary Altig
Topic: 24304 Message: 29350

DE N7UVL,
The LDG AT-897 does not fit flush when using the mobile mount
without a minor mod.
-Go ahead and mount the mobile mount brackets first, before
attempting the AT-897 mounting.
-Although a bit of nimble" finger manipulating is required, a
couple of washers for spacers between the AT-897 case
and the FT-897 case placed on each of the lower mounting
screws in order for the AT-897 to align the mounting that would
eliminate the "cockeyed" look./ga

----- Original Message -----
From: RicardoH<mailto:huang_wan@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, March 09, 2010 11:18 AM
Subject: [FT897] LDG AT897

I have an AT-897 tuner and I want to use a mobile mount with my FT-897 has any one used the three together. I suspect a mod will be required just how much of a mod is the question.

Ric
KJ6DOY

[Non-text portions of this message have been removed]

29351. Re: [FT897] Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-08 05:20:19 UTC
From: John Geiger
Topic: 29344 Message: 29351

What is wrong with the stock hand mic?

73s John AA5JG

--- On Sun, 3/7/10, Sean <kamaaina1@...> wrote:

From: Sean <kamaaina1@comcast.net>
Subject: [FT897] Mic Suggestions
To: FT897@yahoogroups.com
Date: Sunday, March 7, 2010, 9:59 PM

Looking for mic suggestions for my 897D. I'm kinda leaning toward a Heil, but open to others. Chip at Heil suggested the GM-5. Would this be a good choice?
Thanks for the input!

[Non-text portions of this message have been removed]

29352. Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-08 14:30:58 UTC
From: Sean
Topic: 29344 Message: 29352

Yes,
I'm a former long-time resident from Aiea, Hawaii. 35+ years, now living in Washington State. I do believe Heil still make the custom mics. I seen them on there website.

www.heilsound.com shoot them an email..

--- In FT897@yahoogroups.com, ZephyrNYC <ZephyrNYC@...> wrote:
>
> Sean, are you from Hawai'i?
>
> By the way, who makes those vintage radio looking mics- the custom
> ones that you can get with your callsign? I thought Heil makes them
> but didn't see them on their website. Thanks.
>
> 73, Frank
>
> --
>
> "Security is mostly a superstition. Avoiding danger is no safer in the
> long run than outright exposure. Life is either a daring adventure or
> nothing."
>
> - Helen Keller (1880-1968), The Open Door
>

29353. RE: [FT897] Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-10 12:26:09 UTC
From: Dennis
Topic: 29344 Message: 29353

There are many hams who want to shoot for "studio quality" or "studio like" audio when they transmit. Makes them feel like they are better than you.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Geiger
Sent: Sunday, March 07, 2010 11:20 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Mic Suggestions

What is wrong with the stock hand mic?

73s John AA5JG

--- On Sun, 3/7/10, Sean <kamaaina1@comcast. <mailto:kamaaina1%40comcast.net> net> wrote:

From: Sean <kamaaina1@comcast. <mailto:kamaaina1%40comcast.net> net>
Subject: [FT897] Mic Suggestions
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Date: Sunday, March 7, 2010, 9:59 PM

Looking for mic suggestions for my 897D. I'm kinda leaning toward a Heil, but open to others. Chip at Heil suggested the GM-5. Would this be a good choice?
Thanks for the input!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29354. Re: [FT897] Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-10 12:53:13 UTC
From: Bill Husted
Topic: 29344 Message: 29354

I use the hand mike myself but, jeez, it's a hobby. If someone enjoys tweaking audio then, why not? Doesn't sound like much of a sin to me.

----- Original Message -----
From: Dennis
To: FT897@yahoogroups.com
Sent: Wednesday, March 10, 2010 7:26 AM
Subject: RE: [FT897] Mic Suggestions

There are many hams who want to shoot for "studio quality" or "studio like" audio when they transmit. Makes them feel like they are better than you.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Geiger
Sent: Sunday, March 07, 2010 11:20 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Mic Suggestions

What is wrong with the stock hand mic?

73s John AA5JG

--- On Sun, 3/7/10, Sean <kamaaina1@comcast. <mailto:kamaaina1%40comcast.net> net> wrote:

From: Sean <kamaaina1@comcast. <mailto:kamaaina1%40comcast.net> net>
Subject: [FT897] Mic Suggestions
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Date: Sunday, March 7, 2010, 9:59 PM

Looking for mic suggestions for my 897D. I'm kinda leaning toward a Heil, but open to others. Chip at Heil suggested the GM-5. Would this be a good choice?
Thanks for the input!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29355. Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-10 12:55:46 UTC
From: Hank
Topic: 29344 Message: 29355

The stock hand mic that came with my 897 works just fine. I got the MD-100A8X because I like desk mics, just a personal preference.

I do know that the Heil GM-5 has 2 elements, allowing you to use 1 element for normal use, and the other for added punch to help break through pileups. I am considering this mic, because I am limited to a 19' dipole in the attic, and using a compromised antenna, the added punch of the DX element might help me make contacts.

Hank / KB4MTO

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> What is wrong with the stock hand mic?
> Â
> 73s John AA5JG
>
> --- On Sun, 3/7/10, Sean <kamaaina1@...> wrote:
>
>
> From: Sean <kamaaina1@...>
> Subject: [FT897] Mic Suggestions
> To: FT897@yahoogroups.com
> Date: Sunday, March 7, 2010, 9:59 PM
>
>
> Â
>
>
>
> Looking for mic suggestions for my 897D. I'm kinda leaning toward a Heil, but open to others. Chip at Heil suggested the GM-5. Would this be a good choice?
> Thanks for the input!
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>
> [Non-text portions of this message have been removed]
>

29356. Re: [FT897] Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-10 13:34:00 UTC
From: Richard Corfield
Topic: 29344 Message: 29356

The hand mic is conventiently to hand when you need it. A headset or desk mic can be used with VOX which is really convenient if you're typing or writing or doing other things with your hands. Headsets are best in that situation because you can be quite sure they're picking up your voice and not so much other noise. Just don't sneeze when VOX is enabled ;-)

I've experimented with a Behringer 8500 vocal mic on a small stand on the desk. That worked very well and got good reports. I used a Behringer Shark DSP-110 to interface it which allowed me to play with the high pass filter and compressor. This kit is relatively cheap. The mic may be able to interface directly to the radio if you don't want any processing.

- Richard

On 10 March 2010 12:55, Hank <hank@...> wrote:

>
>
> The stock hand mic that came with my 897 works just fine. I got the
> MD-100A8X because I like desk mics, just a personal preference.
>
> I do know that the Heil GM-5 has 2 elements, allowing you to use 1 element
> for normal use, and the other for added punch to help break through pileups.
> I am considering this mic, because I am limited to a 19' dipole in the
> attic, and using a compromised antenna, the added punch of the DX element
> might help me make contacts.
>
> Hank / KB4MTO
>
>

[Non-text portions of this message have been removed]

29357. LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-10 16:00:16 UTC
From: David Okrent
Topic: 29357 Message: 29357

I have the LDG-897 Tuner and I had a bit of surprise this last weekend that I thought I would see if anyone else had this occur. For the first time I attempted to tune on the 60 meter band with my 40 meter long OCF dipole. The tuner started to run through it various combinations and then it stopped, but kept the transmitter keyed until I pressed the autotune button again. This only happens on the 60 meter band. Anyone experience this before?

29358. Re: LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-10 16:21:59 UTC
From: Hank
Topic: 29357 Message: 29358

Yes, this happened to me about a month ago the one and only time I tried to tune up 60 meters. I assumed it is because I am tuning a 19' dipole on 60, and it's just too much. It is the only time this has happened with the LDG tuner.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> I have the LDG-897 Tuner and I had a bit of surprise this last weekend that I
> thought I would see if anyone else had this occur. For the first time I
> attempted to tune on the 60 meter band with my 40 meter long OCF dipole. The
> tuner started to run through it various combinations and then it stopped, but
> kept the transmitter keyed until I pressed the autotune button again. This
> only happens on the 60 meter band. Anyone experience this before?
>

29359. RE: [FT897] LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-10 16:51:53 UTC
From: Chip Kroh, N3FUD
Topic: 29357 Message: 29359

Yes, but not on 60M. My experience was that it was RF feeding back into the radio.

Chip N3FUD

> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> David Okrent
> Sent: Wednesday, March 10, 2010 11:00
> To: FT897@yahoogroups.com
> Subject: [FT897] LDG-897 Tuner
>
> I have the LDG-897 Tuner and I had a bit of surprise this last weekend
> that I
> thought I would see if anyone else had this occur. For the first time I
> attempted to tune on the 60 meter band with my 40 meter long OCF
> dipole. The
> tuner started to run through it various combinations and then it
> stopped, but
> kept the transmitter keyed until I pressed the autotune button again.
> This
> only happens on the 60 meter band. Anyone experience this before?
>
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> ------------------------------------
>
> Yahoo! Groups Links
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29360. Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-10 16:04:02 UTC
From: Steve Yates
Topic: 29344 Message: 29360

I use the stock hand mic most of the time but I recently converted an old D-104 style desk mic with a 10DA high impedance head (still have the D-104 too) for use with the FT-897D. It was unamplified but the impedance was way too high for the FT-897D. A couple of weeks ago I built an FET buffer to convert the 100 k microphone impedance down to about 600 Ohms and put it in the base of the microphone. It works great and drives the FT-897D just right. By design, the 10DA is tailored for SSB and tends to respond best to the higher end of the audio spectrum when matched to its characteristic impedance. It's a little too high pitch for FM but just right for SSB and the old D-104 head is just right for AM. I tailored the buffer to respond down to about 100 Hz even though I doubt the rig will pass frequencies this low normally.

Adapting older microphones may offer a lower cost alternative to the Heils, Berringer setups, and whatever other new and expensive fads that may come about.

I still find myself just using the hand mic most of the time because it's smaller. On HF I usually just operate CW anyway.

73,
Steve - AA5TB

29361. Re: [FT897] Re: Mic Suggestions

Yahoo group: FT897 (2010)
Date: 2010-03-11 06:14:44 UTC
From: ZephyrNYC
Topic: 29344 Message: 29361

Sean, thanks. Is Heil the only manufacturer of custom mics with callsigns? I'll check out their site again.

73, Frank

--

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

29362. Re: LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-11 11:06:44 UTC
From: john@morsemad.com
Topic: 29357 Message: 29362

This happens here too but on 40M - the rig even shut down once - RF everywhere, so I don't go on 40M now till I get a half decent antenna for that band. (Using a random length long wire in a 25ft yard so it's folded back under itself, and obviously rubbish :0)

☐ ☐

John / G0RDO

http://www.morsemad.com

29363. Re: LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-11 16:16:35 UTC
From: David Okrent
Topic: 29357 Message: 29363

Perhaps it was RF, but I have an RF isolator on my feedline 10 feet below my dipole.

Work Email: david.a.okrent@...
Home Email: dokrent@usa.net

29364. Tiny Cat

Yahoo group: FT897 (2010)
Date: 2010-03-11 23:17:01 UTC
From: First L
Topic: 29364 Message: 29364

I placed an order February 12 on N5ZTW's web site for a Tiny Cat for my FT-8x7 radios.I haven't received it. I emailed asking what happened, I have received no reply. There was a confirmation of the order from pay pal but not from N5ZTW. Does anyone know a way to contact him so I can find out what the delay is?
Bennett, AF2RF

29365. RE: [FT897] Tiny Cat

Yahoo group: FT897 (2010)
Date: 2010-03-12 00:28:50 UTC
From: Joseph Richard
Topic: 29364 Message: 29365

Howdy,

If you have not received it by now, you could cancel your order through PayPal and get a refund and then pick up a Signalink USB. You never know, it could be a blessing in disguise.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of First L
Sent: Thursday, March 11, 2010 5:17 PM
To: FT897@yahoogroups.com
Subject: [FT897] Tiny Cat

I placed an order February 12 on N5ZTW's web site for a Tiny Cat for my FT-8x7 radios.I haven't received it. I emailed asking what happened, I have received no reply. There was a confirmation of the order from pay pal but not from N5ZTW. Does anyone know a way to contact him so I can find out what the delay is?
Bennett, AF2RF

Yahoo! Groups Links

29366. RE: [FT897] Tiny Cat

Yahoo group: FT897 (2010)
Date: 2010-03-12 00:35:30 UTC
From: w b
Topic: 29364 Message: 29366

I have the signal link. The unit I ordered is a level shifter only, so I can key the transmitter from programs like HRD.
Bennett, AF2RF

[Non-text portions of this message have been removed]

29367. RE: [FT897] Tiny Cat

Yahoo group: FT897 (2010)
Date: 2010-03-12 00:46:29 UTC
From: Joseph Richard
Topic: 29364 Message: 29367

OK, I am confused about the level shifter. I key both vintage and modern transceivers using Signalink USB with HRD. I have never tired another piece of software.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w b
Sent: Thursday, March 11, 2010 6:36 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Tiny Cat

I have the signal link. The unit I ordered is a level shifter only, so I can key the transmitter from programs like HRD.
Bennett, AF2RF

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29368. Re: LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-12 13:09:39 UTC
From: Hank
Topic: 29357 Message: 29368

I'm sure it's RF in my case. I have a small dipole in the attic, so it only makes sense. I have a current balun at the rig and it helped out tremendously, but still that problem on 60.

I also have an Arrow dual-band J-Pole about 4' from the dipole also in the attic. I am wondering if RF is coming back into the radio through that antenna. Later on I am going to disconnect the Arrow from the 897 and see if it is still happening. I'll report my findings back to the group.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> Perhaps it was RF, but I have an RF isolator on my feedline 10 feet below my
> dipole.
>
>
> Work Email: david.a.okrent@...
> Home Email: dokrent@...
>

29369. Re: LDG-897 Tuner

Yahoo group: FT897 (2010)
Date: 2010-03-12 13:36:06 UTC
From: bigiantrike
Topic: 29357 Message: 29369

Hi there
I have had a bad experience with RF shutting down my rig when using the LDG-897 tuner.. My antenna is a real compromise and I was half expecting real problems with it when I first set up the station. The station at that time consisted of the FT-897 along with an MFJ-993b intellituner and the antenna sirio 827 vertical. This antenna is really an 11 mtr vertical so as you can realise I was expecting all sorts of problems when tuning to other bands... I have to say the MFJ sorted out all the problems with no great fuss and it was only when I upgraded to the LDG-897 that all the problems started. These problems included auto shutdown, memory bank wiping and bad audio reports. I tried all sorts of remedies with ferrite rings on feeders.. air ballens at the base of the antenna...none seemed to stop the problems so I resorted back to the MFJ.. I now use the MFG in my camper along with my FT-857 in conjunction with my mobile antennas which are 20mtr delta loop and 23ft vertical fishing pole type antenna with a base fed UN UN ballen.
None of the problems I experienced before have manifested themselves in my mobile setup. These are just my experiences and you have to make of them what you will...but I was very disappointed with the LDG...having said that I'm sure it was all about using the Sirio 827 vertical antenna and my transceiver location.

Hope this helps

Ian M0IAF
Cornwall UK

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> Perhaps it was RF, but I have an RF isolator on my feedline 10 feet below my
> dipole.
>
>
> Work Email: david.a.okrent@...
> Home Email: dokrent@...
>

29370. AT-897 Plus

Yahoo group: FT897 (2010)
Date: 2010-03-10 15:25:55 UTC
From: Roger
Topic: 29370 Message: 29370

I have had my "AT-897 Plus" tuner for a little over a month now. I am having what I think is a problem. Some times (10%) when I change bands and press the button, until the LED lights. The tuner mutes the radio but no RF or reduced power shows on output and no actual tuning cycle occures. At end of this false cycle red LED flashes 3 times. I also get a loud buzz in the audio on the FT-897D at the completion of a tuning cycle for approx. 1/2 sec. Any ideas. LDG seems to think I have the dreaded "RF in the shack" syntrone. Roger K8CIX

29371. setting for digital modes

Yahoo group: FT897 (2010)
Date: 2010-03-12 15:12:30 UTC
From: HI8LAM
Topic: 29371 Message: 29371

hello falks, need to know the settings for my 897d for digital modes using the ct62 in ham radio deluxe now i use the signalink but does not match with the HDR. Luis hi8lam Dominican Depublic.

29372. Yaesu MD 100A8X -vs- Heil GM-5

Yahoo group: FT897 (2010)
Date: 2010-03-11 05:42:57 UTC
From: Sean
Topic: 29372 Message: 29372

Yes, I'm still debating mics...
How does the Yaesu MD 100A8X Desktop Microphone compare with the Heil GM-5. Of course with the Heil, I would need to purchase the stand & cable as well.
Any input would be much appreciated!

29373. CAT data format

Yahoo group: FT897 (2010)
Date: 2010-03-11 23:06:16 UTC
From: n0isb08
Topic: 29373 Message: 29373

What format does the CAT/Linear plug output use so that I can make a PIC chip program to convert it to the new LCD displays format?

I want to build a remote display, like W9RNU has done for his 817 (www.possumnet.com/HTML/w9rnu.html). This is using my 897 mobile and leaving it mounted on the vehicle passenger compartment floor, not visible from any seating position. I will use the alternate MH59A8J microphone for rig control.

29374. repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-11 02:04:19 UTC
From: n3kma
Topic: 29374 Message: 29374

I just bought this radio on Ebay. I want to love it! But, being at the very bottom of the learning curve, I'm having some trouble. There is an SPL in the upper left corner of the display. I think it's supposed to display + or - depending on the offset for a particular repeater. However, I can't figure out how to get rid of that SPL. Can anyone help me?

29375. FS - FT897D new with accy's

Yahoo group: FT897 (2010)
Date: 2010-03-12 10:54:50 UTC
From: mygl1800jet
Topic: 29375 Message: 29375

I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter, internal power supply, internal battery pack (2 batteries) with the charger, LDG AT897 tuner, all the boxes Tech and General study books, 40 foot tubular crank uptower, hygain? triband beam 10,15,21 meter, laser 400 (12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II most of it, top section of a Rohn? tower, 2 rotors with controllers for sale.

$1500.00 takes all. come and get it plus anything else I may find to throw in.

29376. TNC won't send ptt to 897d when in fm mode but will in DIG mode.

Yahoo group: FT897 (2010)
Date: 2010-03-11 00:41:52 UTC
From: David
Topic: 29376 Message: 29376

I have tried two TNC's, Pactor PTC-IIex with Pactor III upgrade and the KPC-3+. Both do the same thing. When I try to connect to an airmail station, the TNC won't send the transmit and the radio won't transmit. If I put the 897d into DIG mode, then the TNC sends transmit and the radio transmits but I can't set a repeater offset in DIG mode.

If I unplug the cable that goes from the tnc to the radio, the tnc will send transmit but when it is connected, it won't.

I use a completely different set of cables for both the tnc's to the radio but use the same usb to serial connector for both the connections from the laptop to the tnc's.

Ideas please.

29377. Re: [FT897] FS - FT897D new with accy's

Yahoo group: FT897 (2010)
Date: 2010-03-12 17:42:22 UTC
From: Joe
Topic: 29375 Message: 29377

Uhhh....Where are you located? And why are you selling the farm?

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "mygl1800jet" <mygl1800jet@...>
Subject: [FT897] FS - FT897D new with accy's

>I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter,
>internal power supply, internal battery pack (2 batteries) with the
>charger, LDG AT897 tuner, all the boxes Tech and General study books, 40
>foot tubular crank uptower, hygain? triband beam 10,15,21 meter, laser 400
>(12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II most
>of it, top section of a Rohn? tower, 2 rotors with controllers for sale.
>
> $1500.00 takes all. come and get it plus anything else I may find to throw
> in.

29378. Re: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-12 18:43:16 UTC
From: Paul Wright
Topic: 29374 Message: 29378

Hello there
You have a great radio I use one myself

The easiest way to program it is using the 897 programming software

Where do you live I am in milton keynes and if you require help in programming the radio please do give me a shout..
spl shows for split frequency use and it has to show + or - for repeater use

Paul
M3PWW
----- Original Message -----
From: n3kma
To: FT897@yahoogroups.com
Sent: Thursday, March 11, 2010 2:04 AM
Subject: [FT897] repeater operation

I just bought this radio on Ebay. I want to love it! But, being at the very bottom of the learning curve, I'm having some trouble. There is an SPL in the upper left corner of the display. I think it's supposed to display + or - depending on the offset for a particular repeater. However, I can't figure out how to get rid of that SPL. Can anyone help me?

[Non-text portions of this message have been removed]

29379. RE: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-12 19:09:15 UTC
From: Joseph Richard
Topic: 29374 Message: 29379

Is there anyone who makes free programming software for the FT-897D?

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Paul Wright
Sent: Friday, March 12, 2010 12:43 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] repeater operation

Hello there
You have a great radio I use one myself

The easiest way to program it is using the 897 programming software

Where do you live I am in milton keynes and if you require help in programming the radio please do give me a shout..
spl shows for split frequency use and it has to show + or - for repeater use

Paul
M3PWW
----- Original Message -----
From: n3kma
To: FT897@yahoogroups.com
Sent: Thursday, March 11, 2010 2:04 AM
Subject: [FT897] repeater operation

I just bought this radio on Ebay. I want to love it! But, being at the very bottom of the learning curve, I'm having some trouble. There is an SPL in the upper left corner of the display. I think it's supposed to display + or - depending on the offset for a particular repeater. However, I can't figure out how to get rid of that SPL. Can anyone help me?

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29380. RE: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-12 20:05:43 UTC
From: Dennis
Topic: 29374 Message: 29380

If you have the owners manual, I suggest you read it BEFORE operating the radio. The "spl" can be changed from the multi-function menu. To access this menu, "tap" the "Func" key and rotate the select knob until you see "spl" in the menu above the corresponding button under the display. Press the button and "spl" will disappear from the upper area of the display. "Tap" the "Func" key again and rotate select knob until "Ton" appears in the menu. Press the button and "tsq" will appear for the PL Tone. Same thing to get "-" or "+", but you are looking for "Rpt" in the menu.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n3kma
Sent: Wednesday, March 10, 2010 8:04 PM
To: FT897@yahoogroups.com
Subject: [FT897] repeater operation

I just bought this radio on Ebay. I want to love it! But, being at the very bottom of the learning curve, I'm having some trouble. There is an SPL in the upper left corner of the display. I think it's supposed to display + or - depending on the offset for a particular repeater. However, I can't figure out how to get rid of that SPL. Can anyone help me?

[Non-text portions of this message have been removed]

29381. RE: [FT897] AT-897 Plus

Yahoo group: FT897 (2010)
Date: 2010-03-13 00:27:25 UTC
From: Chip Kroh, N3FUD
Topic: 29370 Message: 29381

Hi Roger,

Check your cabling, especially the OTT to Radio cable with the 1/8" plugs.
I've had the cable reversed and have gotten the same thing.

Chip N3FUD

> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Roger
> Sent: Wednesday, March 10, 2010 10:26
> To: FT897@yahoogroups.com
> Subject: [FT897] AT-897 Plus
>
> I have had my "AT-897 Plus" tuner for a little over a month now. I am
> having what I think is a problem. Some times (10%) when I change bands
> and press the button, until the LED lights. The tuner mutes the radio
> but no RF or reduced power shows on output and no actual tuning cycle
> occures. At end of this false cycle red LED flashes 3 times. I also
> get a loud buzz in the audio on the FT-897D at the completion of a
> tuning cycle for approx. 1/2 sec. Any ideas. LDG seems to think I
> have the dreaded "RF in the shack" syntrone. Roger K8CIX
>

29382. Re: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-13 03:04:12 UTC
From: Finnigann
Topic: 29374 Message: 29382

On Wed, 10 Mar 2010 21:04:19 -0500, n3kma <n3kma1@...> wrote:

There is an SPL in the upper left corner of the display. I think it's supposed to display + or - depending on the offset for a particular repeater. However, I can't figure out how to get rid of that SPL. Can anyone help me?

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29383. RE: [FT897] TNC won't send ptt to 897d when in fm mode but will in DIG mode.

Yahoo group: FT897 (2010)
Date: 2010-03-13 06:24:42 UTC
From: Eric van de Weyer
Topic: 29376 Message: 29383

I David,

Have you tried it using a programmed memory to select the channel or only using the VFO? Actually I just tried it opn my 857 and it didn't work.

How about using split?

Alternatively, you may have to use the microphone connector to use it on that particular frequency

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of David
Sent: Thursday, 11 March 2010 11:42
To: FT897@yahoogroups.com
Subject: [FT897] TNC won't send ptt to 897d when in fm mode but will in DIG mode.

I have tried two TNC's, Pactor PTC-IIex with Pactor III upgrade and the KPC-3+. Both do the same thing. When I try to connect to an airmail station, the TNC won't send the transmit and the radio won't transmit. If I put the 897d into DIG mode, then the TNC sends transmit and the radio transmits but I can't set a repeater offset in DIG mode.

If I unplug the cable that goes from the tnc to the radio, the tnc will send transmit but when it is connected, it won't.

I use a completely different set of cables for both the tnc's to the radio but use the same usb to serial connector for both the connections from the laptop to the tnc's.

Ideas please.

Yahoo! Groups Links

29384. Re: TNC won't send ptt to 897d when in fm mode but will in DIG mode.

Yahoo group: FT897 (2010)
Date: 2010-03-13 13:15:33 UTC
From: smitty9266
Topic: 29376 Message: 29384

I just checked on my radio split seems to work in FM digital. Give it a try and let us know!!

N9OKV Jeff

29385. Re: TNC won't send ptt to 897d when in fm mode but will in DIG mode.

Yahoo group: FT897 (2010)
Date: 2010-03-13 13:35:15 UTC
From: bram.pe2ek
Topic: 29376 Message: 29385

ok here's my 2 cents

wat baudrate do you make 1200 or 9600?

and wich mode do you want to use?

packetradio:
for 1200 you can leave the rig in fm mode no problem and rep offset works fine afsk signal is ajusted in the menu dig gain and all works fine for me

running the pk-232 in kiss mode 1200 baud or tnc2c

a lot of german packet acces points use 7.6hz downshift

i also tried putting the rig in dig mode and you are right the rep offset doesn't work

for packet radio use u should use the pkt mode then offset works

for ssb modes you should try put the rig in split vfo a/b 1 is tx freq and the other vfo rx freq

good luck
bram peek PE2EK
--- In FT897@yahoogroups.com, "David" <davideppert@...> wrote:
>
> I have tried two TNC's, Pactor PTC-IIex with Pactor III upgrade and the KPC-3+. Both do the same thing. When I try to connect to an airmail station, the TNC won't send the transmit and the radio won't transmit. If I put the 897d into DIG mode, then the TNC sends transmit and the radio transmits but I can't set a repeater offset in DIG mode.
>
> If I unplug the cable that goes from the tnc to the radio, the tnc will send transmit but when it is connected, it won't.
>
> I use a completely different set of cables for both the tnc's to the radio but use the same usb to serial connector for both the connections from the laptop to the tnc's.
>
> Ideas please.
>

29386. RE: [FT897] Tiny Cat

Yahoo group: FT897 (2010)
Date: 2010-03-13 15:30:27 UTC
From: w b
Topic: 29364 Message: 29386

I ordered a Tiny cat because I need a device to do T/R switching with my transceiver. The truth is, it is not the point of this series of email why I want it. I ordered it, I haven't gotten it. I wanted to either find an alternate way to contact the seller and get my merchandise or let people know of his poor business practice. Since I still haven't gotten my unit or heard from him. I will ask pay pal for a refund. Thank You.
Bennett AF2RF

[Non-text portions of this message have been removed]

29387. No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-13 21:42:54 UTC
From: drgps28
Topic: 29387 Message: 29387

Both HRD/DM 780 and Digipan properly switch the radio into transmit mode but the radio does not show any RF power output regardless of the digital mode used (PSK, MT63, Olivia). I can hear tones being generated by the computer but they are not being transmitted by my radio. When I monitor the signal on a second radio, there is nothing heard.

I am using a laptop computer and a Buxcomm Rascal interface connected to the data port on the back of the radio. Menu 38 = User-U and Menu 37 = 50. I've tried cranking DIG GAIN all the way up to 100 and still no RF out!

The frustrating part is that I just had things working earlier this week but I must have inadvertently changed something. I think it's a radio setting since I have this problem regardless of the software that I'm using. Any ideas?

29388. Re: [FT897] No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-13 22:19:20 UTC
From: Curt Givens
Topic: 29387 Message: 29388

Take a look at your sound cars master volume and wave levels sounds like there's not enough audio to drive the xcvr. I had my computer mute the wave slider on start up one day and the thing drove me crazy for about an hour because everything was working when I shut down the night before.

de Curt KC8STE 73

--- On Sat, 3/13/10, drgps28 <drgps28@...> wrote:

From: drgps28 <drgps28@...>
Subject: [FT897] No Power Output using Soundcard Modes
To: FT897@yahoogroups.com
Date: Saturday, March 13, 2010, 4:42 PM

Both HRD/DM 780 and Digipan properly switch the radio into transmit mode but the radio does not show any RF power output regardless of the digital mode used (PSK, MT63, Olivia). I can hear tones being generated by the computer but they are not being transmitted by my radio. When I monitor the signal on a second radio, there is nothing heard.

I am using a laptop computer and a Buxcomm Rascal interface connected to the data port on the back of the radio. Menu 38 = User-U and Menu 37 = 50. I've tried cranking DIG GAIN all the way up to 100 and still no RF out!

The frustrating part is that I just had things working earlier this week but I must have inadvertently changed something. I think it's a radio setting since I have this problem regardless of the software that I'm using. Any ideas?

[Non-text portions of this message have been removed]

29389. CAT - Programs are not reading the radio

Yahoo group: FT897 (2010)
Date: 2010-03-14 00:41:35 UTC
From: brycerichard
Topic: 29389 Message: 29389

I can't get HRD or FTB Bssic MMO to connect with the radio.

I know the cable (CT-62 + USB/Serial converter) and comm port are correct because I tested it with a different 897.

The USB drivers are there because the same laptop see the other 897

I double checked that the DIN plug is pushed all the way in to the CAT port (next to the GRD lug).

Menu #20
CAT

Menu #19
I set the baud rate to 4800 to be safe

Menu #85
Off

Radio in VFO (not memory)

RTS & DTR are on/checked in HRD and FTB Basic MMO

In HRD it comes back with "failed to read frequency"
(The radio is on before I start HRD)

In FTB Basic MMO, it starts "sending" then says "error"
It never gets past the first "block" of memory.

I want to make sure I have checked everything I can before I send the radio to Yaesu.

Any suggestions or help would be much appreciated.

73,
Bryce

29390. Re: CAT - Programs are not reading the radio

Yahoo group: FT897 (2010)
Date: 2010-03-14 10:46:57 UTC
From: g4hfq
Topic: 29389 Message: 29390

Bryce,

Use menu item 059 to check the setting is NOR or RMT.

If you have an original CT-62 then it is powered from the rig. Check you have 13.8V available from the CAT/Linear socket - see the manual page 18 for the pin-out. Lack of volts could mean the fuse is gone.

Have emailed you re a voice contact to debug further.

73,
Bob G4HFQ

--- In FT897@yahoogroups.com, "brycerichard" <Bryce2001@...> wrote:
>
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>
> I can't get HRD or FTB Bssic MMO to connect with the radio.
>
> I know the cable (CT-62 + USB/Serial converter) and comm port are correct because I tested it with a different 897.
>
> The USB drivers are there because the same laptop see the other 897
>
> I double checked that the DIN plug is pushed all the way in to the CAT port (next to the GRD lug).
>
> Menu #20
> CAT
>
> Menu #19
> I set the baud rate to 4800 to be safe
>
> Menu #85
> Off
>
> Radio in VFO (not memory)
>
> RTS & DTR are on/checked in HRD and FTB Basic MMO
>
> In HRD it comes back with "failed to read frequency"
> (The radio is on before I start HRD)
>
> In FTB Basic MMO, it starts "sending" then says "error"
> It never gets past the first "block" of memory.
>

> I want to make sure I have checked everything I can before I send the radio to Yaesu.
>
> Any suggestions or help would be much appreciated.
>
> 73,
> Bryce
>

29391. How to connect a transverter ?

Yahoo group: FT897 (2010)
Date: 2010-03-14 15:06:52 UTC
From: Erwin
Topic: 29391 Message: 29391

Hi all,
I'm thinking about to connect a Kuhne MKU144G2 transverter to my 897D but I have totally no idea how to do that.
Transverter link:
http://www.kuhne-electronic.de/en/shop/147_Transverter/article:516_MKU_144_G2
Does anybody having some experience how it works to connect it ?

73's Erwin/DK5EW

29392. Re: [FT897] How to connect a transverter ?

Yahoo group: FT897 (2010)
Date: 2010-03-14 15:39:40 UTC
From: Paul Harris
Topic: 29391 Message: 29392

The output power of the 897D @ 5watts exceeds the max input of your transverter, according to the specs. The 897 also has 2 meters installed already. Paul KB2VEC

--- On Sun, 3/14/10, Erwin <wini.witt@...> wrote:

From: Erwin <wini.witt@...>
Subject: [FT897] How to connect a transverter ?
To: FT897@yahoogroups.com
Date: Sunday, March 14, 2010, 11:06 AM

Hi all,

I'm thinking about to connect a Kuhne MKU144G2 transverter to my 897D but I have totally no idea how to do that.

Transverter link: http://www.kuhne- electronic. de/en/shop/ 147_Transverter/ article:516_ MKU_144_G2

Does anybody having some experience how it works to connect it ?

73's Erwin/DK5EW

[Non-text portions of this message have been removed]

29393. Re: How to connect a transverter ?

Yahoo group: FT897 (2010)
Date: 2010-03-14 16:03:12 UTC
From: Erwin
Topic: 29391 Message: 29393

Hi Paul,
of course I know that the 897D has 2m installed already but a additional transverter gives a lot of advantages fe. in contests ec.
The max. output I read is adjustable don't know what#s the exact minimum but that was not my question. Question was how to connect a transverter to the 897 ? From where to get the fe. 28MHz ZF ? Is there a ready to go access point ?

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> The output power of the 897D @ 5watts exceeds the max input of your transverter, according to the specs. The 897 also has 2 meters installed already. Paul KB2VEC
>
> --- On Sun, 3/14/10, Erwin <wini.witt@...> wrote:
>
> From: Erwin <wini.witt@...>
> Subject: [FT897] How to connect a transverter ?
> To: FT897@yahoogroups.com
> Date: Sunday, March 14, 2010, 11:06 AM
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> Hi all,
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> Transverter link: http://www.kuhne- electronic. de/en/shop/ 147_Transverter/
article:516_ MKU_144_G2
>
> Does anybody having some experience how it works to connect it ?
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> 73's Erwin/DK5EW
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> [Non-text portions of this message have been removed]
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29394. Re: [FT897] Re: How to connect a transverter ?

Yahoo group: FT897 (2010)
Date: 2010-03-14 19:43:58 UTC
From: Paul Harris
Topic: 29391 Message: 29394

On pages 55 and 62 of owners manual it says about menus to use and antenna ports to use for transverter operation. However 5watts is the lowest power setting readily available.
Manual is downloadable pdf from vertex standard website. Paul KB2VEC

--- On Sun, 3/14/10, Erwin <wini.witt@...> wrote:

From: Erwin <wini.witt@...>
Subject: [FT897] Re: How to connect a transverter ?
To: FT897@yahoogroups.com
Date: Sunday, March 14, 2010, 12:03 PM

Hi Paul,

of course I know that the 897D has 2m installed already but a additional transverter gives a lot of advantages fe. in contests ec.

The max. output I read is adjustable don't know what#s the exact minimum but that was not my question. Question was how to connect a transverter to the 897 ? From where to get the fe. 28MHz ZF ? Is there a ready to go access point ?

73's Erwin/DK5EW

--- In FT897@yahoogroups. com, Paul Harris <kb2vec@...> wrote:

>

> The output power of the 897D @ 5watts exceeds the max input of your transverter, according to the specs. The 897 also has 2 meters installed already. Paul KB2VEC

>

> --- On Sun, 3/14/10, Erwin <wini.witt@. ..> wrote:

>

> From: Erwin <wini.witt@. ..>

> Subject: [FT897] How to connect a transverter ?

> To: FT897@yahoogroups. com

> Date: Sunday, March 14, 2010, 11:06 AM

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> Hi all,

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> Transverter link: http://www.kuhne- electronic. de/en/shop/ 147_Transverter/ article:516_ MKU_144_G2

>

> Does anybody having some experience how it works to connect it ?

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> 73's Erwin/DK5EW

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29395. Re: No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-14 23:03:05 UTC
From: JonP
Topic: 29387 Message: 29395

I don't see a previous message from you so we have no idea what interface you're using (e.g., RIGblaster, etc.) or how you have things wired up.

However, if you say you can hear the signals being generated by the computer that rings an alarm bell in my head because -- usually -- you won't be able to hear the signals being generated by the computer when you've got your interface plugged into your computer. That's because -- usually -- you're plugged into the headphone out jack of the computer, and like most devices, when you plug into the headphone out jack the speaker is disabled. IF you're using the line out jack instead of a headphone out jack, then depending on the sound card you may or may not hear the tones being generated by the computer, but even then, more often than not, you won't hear the tones.

To review the connections -- and my apologies if you already know this -- with most sound card interfaces you have to run a cable from the headphone out jack of the computer to the interface device. You also run another cable from the interface device to the mic in jack of the computer. And you run the USB or serial connector from the interface device to the USB port or serial port on the computer.

Is that the way you have things wired -- or better yet, what equipment are you using?

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "drgps28" <drgps28@...> wrote:
>
> Both HRD/DM 780 and Digipan properly switch the radio into transmit mode but the radio does not show any RF power output regardless of the digital mode used (PSK, MT63, Olivia). I can hear tones being generated by the computer but they are not being transmitted by my radio. When I monitor the signal on a second radio, there is nothing heard.
>
> I am using a laptop computer and a Buxcomm Rascal interface connected to the data port on the back of the radio. Menu 38 = User-U and Menu 37 = 50. I've tried cranking DIG GAIN all the way up to 100 and still no RF out!
>
> The frustrating part is that I just had things working earlier this week but I must have inadvertently changed something. I think it's a radio setting since I have this problem regardless of the software that I'm using. Any ideas?
>

29396. Re: No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-15 10:18:01 UTC
From: Jon Perelstein
Topic: 29387 Message: 29396

Wow,

I must have been having a bad day and didn't see that the OP specifically said in the second paragraph that he was using a Buxcom Rascal with a laptop. Sorry about that.

Be that as it may, I think my reply was very much on target. If you can hear the tones being generated by the laptop, it means that the interface cable is not plugged in to the headphone out jack, and if it's not plugged in you're not going to get any tones into the interface, which means nothing into the radio, which means no output.

Jon
KB1QBZ

[Non-text portions of this message have been removed]

29397. Re: [FT897] Re: No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-15 10:25:57 UTC
From: Richard Corfield
Topic: 29387 Message: 29397

It looks from the Buxom web site as if the Rascal is a passive isolator, in which case it plugs into the laptop's headphone jack and you shouldn't hear the sounds. Some devices use an external sound card. (The Buxom web site lists one that they sell for use with the Rascal). In that case you need to ensure that your software is using the right sound device.

- Richard (M0RJC)

On 15 March 2010 10:18, Jon Perelstein <jperelst@...> wrote:

>
>
> Wow,
>
> I must have been having a bad day and didn't see that the OP specifically
> said in the second paragraph that he was using a Buxcom Rascal with a
> laptop. Sorry about that.
>
> Be that as it may, I think my reply was very much on target. If you can
> hear the tones being generated by the laptop, it means that the interface
> cable is not plugged in to the headphone out jack, and if it's not plugged
> in you're not going to get any tones into the interface, which means nothing
> into the radio, which means no output.
>
> Jon
> KB1QBZ
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

29398. no emails in 4 days

Yahoo group: FT897 (2010)
Date: 2010-03-16 02:45:17 UTC
From: Bill Barbee
Topic: 29398 Message: 29398

is the group down?
Bill W5LV

29399. Re: [FT897] no emails in 4 days

Yahoo group: FT897 (2010)
Date: 2010-03-16 02:40:57 UTC
From: Finnigann
Topic: 29398 Message: 29399

On Mon, 15 Mar 2010 23:45:17 -0300, Bill Barbee <bbarbee@...>
wrote:

is the group down?
Bill W5LV

Doesn't seem to be. It is slow however. I guess it means there are no new
problems... yeah, right!

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29400. Re: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-16 07:20:52 UTC
From: Bryce Anderson
Topic: 29374 Message: 29400

Get Bob's software to program the radio
You can't beat the functionality or the service

http://www.g4hfq.co.uk/ftbasic.html

I posted a question on this group and Bob was the first to responded
He figured out the problem (blown fuse that powers the CAT port).

I got a CAT USB cable from Valley Enterprises through Amazon for $27 and
free shipping.
HRD and FTB Basic MMO now read and control the radio perfectly.

On Fri, Mar 12, 2010 at 8:04 PM, Finnigann <finnigann2580@...> wrote:

>
>
> On Wed, 10 Mar 2010 21:04:19 -0500, n3kma <n3kma1@...<n3kma1%40gmail.com>>
> wrote:
>
> There is an SPL in the upper left corner of the display. I think it's
> supposed to display + or - depending on the offset for a particular
> repeater. However, I can't figure out how to get rid of that SPL. Can
> anyone help me?
>
> --
>
> 73'S
>
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12 <http://www.tinyurl.com/bcarc12>
>
> http://my.opera.com/Finnigann/blog
>
> http://community.webshots.com/user/finnigann
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> [Non-text portions of this message have been removed]
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--
B Anderson

K 6 TI

[Non-text portions of this message have been removed]

29401. RE: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-16 07:57:15 UTC
From: Joseph Richard
Topic: 29374 Message: 29401

I agree. I have been using the 10-foot USB to Cat Interface by Valley-ent for at least a month/ HRD and I downloaded Bob's software earlier today for programming memories. I was actually surprised when he answered my email so quickly seeing it was probably 12:00AM in the morning his time.

I found the software pretty easy to use. And I did not have any problems loading up 137 memories.

Take it easy and have fun.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bryce Anderson
Sent: Tuesday, March 16, 2010 2:21 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] repeater operation

Get Bob's software to program the radio
You can't beat the functionality or the service

http://www.g4hfq.co.uk/ftbasic.html

I posted a question on this group and Bob was the first to responded He figured out the problem (blown fuse that powers the CAT port).

I got a CAT USB cable from Valley Enterprises through Amazon for $27 and free shipping.
HRD and FTB Basic MMO now read and control the radio perfectly.

On Fri, Mar 12, 2010 at 8:04 PM, Finnigann <finnigann2580@...> wrote:

>
>
> On Wed, 10 Mar 2010 21:04:19 -0500, n3kma
> <n3kma1@...<n3kma1%40gmail.com>>
> wrote:
>
> There is an SPL in the upper left corner of the display. I think it's
> supposed to display + or - depending on the offset for a particular
> repeater. However, I can't figure out how to get rid of that SPL. Can
> anyone help me?
>
> --
>
> 73'S

>
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12 <http://www.tinyurl.com/bcarc12>
>
> http://my.opera.com/Finnigann/blog
>
> http://community.webshots.com/user/finnigann
>
>
> [Non-text portions of this message have been removed]
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>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29402. Re: No Power Output using Soundcard Modes- PROBLEM SOLVED

Yahoo group: FT897 (2010)
Date: 2010-03-17 00:56:57 UTC
From: drgps28
Topic: 29387 Message: 29402

Thank you to all that responded to my request for help. Everything is working fine now. It turns out that the problem was a bad pin on my home-brewed cable. It just happened to be the audio pin which explains why I was able to switch the radio to transmit but have no audio going into the radio. What I failed to explain in my original message is that I installed a "Y" splitter cable in my laptop's headset port. I have the Buxcom "speaker-line out" cable plugged into one side of the "Y" and an actual headset plugged into the other side. That way I can confirm that my laptop is sending good tones out to the radio. Thanks again for getting me back on track. 73

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> It looks from the Buxom web site as if the Rascal is a passive isolator, in
> which case it plugs into the laptop's headphone jack and you shouldn't hear
> the sounds. Some devices use an external sound card. (The Buxom web site
> lists one that they sell for use with the Rascal). In that case you need to
> ensure that your software is using the right sound device.
>
> - Richard (M0RJC)
>
> On 15 March 2010 10:18, Jon Perelstein <jperelst@...> wrote:
>
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> >
> > Wow,
> >
> > I must have been having a bad day and didn't see that the OP specifically
> > said in the second paragraph that he was using a Buxcom Rascal with a
> > laptop. Sorry about that.
> >
> > Be that as it may, I think my reply was very much on target. If you can
> > hear the tones being generated by the laptop, it means that the interface
> > cable is not plugged in to the headphone out jack, and if it's not plugged
> > in you're not going to get any tones into the interface, which means nothing
> > into the radio, which means no output.
> >
> > Jon
> > KB1QBZ
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]

>

29403. Antenna switching for 6M

Yahoo group: FT897 (2010)
Date: 2010-03-16 02:02:24 UTC
From: BSA Ride
Topic: 29403 Message: 29403

I am working on a station with the 897D.

I have 5BTV and V2000 antennas. The V2000 will do UHF/VHF/6M
and I want to know if it's possible to switch antennas internally
with the 897 or do I need an external antenna switch?

29404. Re:FT-897 ALC and digital modes looses alc drive ?

Yahoo group: FT897 (2010)
Date: 2010-03-17 02:00:24 UTC
From: Ron
Topic: 29332 Message: 29404

I now use the radio in digital mode (menu #38 usb) for psk mode programs and all is fine now. In usb mode by itself sometimes it would not have proper alc output via the sound card levels and as a result no power output. Put it in (DIG Mode) no more problems.

Thanks for all your help.

--- In FT897@yahoogroups.com, "Jon Perelstein" <jperelst@...> wrote:
>
> Ron,
>
> I'm not sure what you mean when you say that "after I go to transmit I have
> no alc drive in my display any more"? Do you mean that you can't set the
> meter display to ALC, or that the bar graph is not displaying any ALC when
> you set the meter display to ALC?
>
> 1. If it's the former (you can't get at the ALC display):
>
> Just to review the settings: ALC is shown as one of the meter displays and
> is accessible through Multi Function Row "i" (MFi). Press the F key, then
> rotate the MEM/VFO CH knob to get row i on the display. Then use the A key
> to allow display and the B key to select what is displayed on transmit. You
> can cycle through PWR, MOD, SWR, ALC while transmitting (a very nice
> feature).
>
> If it's this, I'm not sure. Try the A key to enable ALC display -- but do
> it on the band/with the memory item that you're using to try to transmit.
> On the FT-897, there are some things that stay the same as you move from
> band to band and some things that stay the same (even if you're not in
> memory mode) and this may be one of them.
>
> Also, check menu item 61 (MTR ATX SEL) which is used to select the meter
> display configuration when transmitting.
>
> 2. If it's the latter (you're just not getting any ALC reading, but you can
> see the ALC meter).
>
> This is a good thing!!!! You do not want ALC when operating PSK. ALC
> indicates that you have to high an audio level into the rig and you're
> overdriving the modulation process. That results in a distorted signal and
> also result in a PSK signal that is much wider than it should be. In
> addition, at a high enough level it will actually result in "ghost" signals
> -- people will see your signal at two different spots on the band.
>
> The West Mountain Radio people have a very good suggested approach for
> setting up a radio for PSK, as follows:

>
> a. Set your rig's power at or near full power.
>
> b. Set the output from the computer (the playback volume of the
> speaker/line) and/or the transmit volume control of your interface (if it
> has one) and/or the input volume of the rig (in this case FT-897 menu item
> 37) so that you get the desired power output (typically 20 or 30 watts for
> PSK). Use a combination of as many of the controls as you have so that no
> one control is at a max or min extreme.
>
> That should give you your desired output with no ALC reading -- thus giving
> you a nice clean signal with good IMD and S/N ratio. I use this approach
> and have experimented using an IMD meter -- my cleanest signal is when I
> follow this approach.
>
> Jon
> KB1QBZ
>
>
> [Non-text portions of this message have been removed]
>

29405. No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-14 11:07:56 UTC
From: John
Topic: 29387 Message: 29405

Is it possible you are using the wrong output,IE line out or wave etc.

GM3ZZXG

[Non-text portions of this message have been removed]

29406. Re: [FT897] FS - FT897D new with accy's

Yahoo group: FT897 (2010)
Date: 2010-03-12 19:54:53 UTC
From: Todd Freeman
Topic: 29375 Message: 29406

I'm in Portland, Or and I'm selling cause I can't put up any antennas here (HOA) and I have too many irons in the fire. I was going to get back into Search and Rescue here in Oregon and needed the radio but have since decided not to, and I just don't have the time to make a hobby out of it again.

Todd Freeman

Patriot Guard Rider
GWRRA 255404
CA1-M
GWTA 100490

Don't Let The Memory Of Them Drift Away.
www.IraqWarHeroes.org

Joe wrote:
>
>
> Uhhh....Where are you located? And why are you selling the farm?
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "mygl1800jet" <mygl1800jet@...
> <mailto:mygl1800jet%40yahoo.com>>
> Subject: [FT897] FS - FT897D new with accy's
>
> >I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter,
> >internal power supply, internal battery pack (2 batteries) with the
> >charger, LDG AT897 tuner, all the boxes Tech and General study books, 40
> >foot tubular crank uptower, hygain? triband beam 10,15,21 meter,
> laser 400
> >(12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II
> most
> >of it, top section of a Rohn? tower, 2 rotors with controllers for sale.
> >
> > $1500.00 takes all. come and get it plus anything else I may find to
> throw
> > in.
>
>

[Non-text portions of this message have been removed]

29407. Re: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-12 18:54:07 UTC
From: Fred Fish
Topic: 29374 Message: 29407

Hey Paul,

I'm a tad far away in Indiana, PA, USA. I'll research the programming software. Must have come with the radio originally. I don't think I got a disk or anything. Yaesu probably has it.

I'm looking forward to some battery operated, remote use, probably when I'm camping.

Thanks for your reply.

Fred N3KMA

On Fri, Mar 12, 2010 at 1:43 PM, Paul Wright <paul377wright@...>wrote:

>
>
> Hello there
> You have a great radio I use one myself
>
> The easiest way to program it is using the 897 programming software
>
> Where do you live I am in milton keynes and if you require help in
> programming the radio please do give me a shout..
> spl shows for split frequency use and it has to show + or - for repeater
> use
>
> Paul
> M3PWW
>
>

[Non-text portions of this message have been removed]

29408. Re: No Power Output using Soundcard Modes

Yahoo group: FT897 (2010)
Date: 2010-03-15 09:58:10 UTC
From: Ron
Topic: 29387 Message: 29408

Try your radio in dig mode instead of using usb for psk and olivia, I have a plug n play rigblaster and for some reason when I use usb with it for digital modes and the rigblaster I also get no power output, for me no alc output = no power output. Flip it to digital modes for olivia or psk and alc works again..
For dig setting make sure menu #38 is set to psk31-U

--- In FT897@yahoogroups.com, "JonP" <jperelst@...> wrote:
>
> I don't see a previous message from you so we have no idea what interface you're using (e.g., RIGblaster, etc.) or how you have things wired up.
>
> However, if you say you can hear the signals being generated by the computer that rings an alarm bell in my head because -- usually -- you won't be able to hear the signals being generated by the computer when you've got your interface plugged into your computer. That's because -- usually -- you're plugged into the headphone out jack of the computer, and like most devices, when you plug into the headphone out jack the speaker is disabled. IF you're using the line out jack instead of a headphone out jack, then depending on the sound card you may or may not hear the tones being generated by the computer, but even then, more often than not, you won't hear the tones.
>
> To review the connections -- and my apologies if you already know this -- with most sound card interfaces you have to run a cable from the headphone out jack of the computer to the interface device. You also run another cable from the interface device to the mic in jack of the computer. And you run the USB or serial connector from the interface device to the USB port or serial port on the computer.
>
> Is that the way you have things wired -- or better yet, what equipment are you using?
>
> Jon
> KB1QBZ
>
> --- In FT897@yahoogroups.com, "drgps28" <drgps28@> wrote:
> >
> > Both HRD/DM 780 and Digipan properly switch the radio into transmit mode but the radio does not show any RF power output regardless of the digital mode used (PSK, MT63, Olivia). I can hear tones being generated by the computer but they are not being transmitted by my radio. When I monitor the signal on a second radio, there is nothing heard.
> >
> > I am using a laptop computer and a Buxcomm Rascal interface connected to the data port on the back of the radio. Menu 38 = User-U and Menu 37 = 50. I've tried cranking DIG GAIN all the way up to 100 and still no RF out!
> >
> > The frustrating part is that I just had things working earlier this week but I must have inadvertently changed something. I think it's a radio setting since I have this problem regardless of the software that I'm using. Any ideas?

> >
>

29409. FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-15 15:07:54 UTC
From: Ben Epting
Topic: 8844 Message: 29409

can anyone explain the difference between the ft 897 and the ft 897d and also what the TCXO9 does for the rig I bought one and it doent have it in the rig just wondering if its something I need . I operate CW most of the time, I would also like to know how many of you use the optional filters Thanks and 73 Ben NC3Z

[Non-text portions of this message have been removed]

29410. Re: [FT897] Digest Number 3571

Yahoo group: FT897 (2010)
Date: 2010-03-17 09:13:22 UTC
From: Dave Nelson
Topic: 29410 Message: 29410

you need an external switch as 6m comes out the HF port where as 2m and 70cm
come out their own port

cheers
Dave
VK2TDN

At 08:34 AM 3/17/2010 +0000, you wrote:
>2. Antenna switching for 6M
> Posted by: "BSA Ride" bsaride@... bsaride
> Date: Tue Mar 16, 2010 10:32 pm ((PDT))
>
>I am working on a station with the 897D.
>
>I have 5BTV and V2000 antennas. The V2000 will do UHF/VHF/6M
>and I want to know if it's possible to switch antennas internally
>with the 897 or do I need an external antenna switch?

29411. Re: [FT897] repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-17 09:53:52 UTC
From: Finnigann
Topic: 29374 Message: 29411

On Fri, 12 Mar 2010 14:54:07 -0400, Fred Fish <n3kma1@...> wrote:

Hey Paul,

I'm a tad far away in Indiana, PA, USA. I'll research the programming
software. Must have come with the radio originally. I don't think I got a
disk or anything. Yaesu probably has it.

Yaesu does not provide nor support any user software. The ADMS is out
there and comes with some cable. It's a spread sheet app that is set up
for your radio's memory requirements.

Thanks for your reply.

Fred N3KMA
hth

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29412. Re: [FT897] FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-17 09:55:13 UTC
From: Finnigann
Topic: 8844 Message: 29412

On Mon, 15 Mar 2010 12:07:54 -0300, Ben Epting <benepting@...> wrote:

can anyone explain the difference between the ft 897 and the ft 897d

The 'D' has 60m.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29413. Re: FS - FT897D new with accy's

Yahoo group: FT897 (2010)
Date: 2010-03-17 13:29:33 UTC
From: Hank
Topic: 29375 Message: 29413

If it was strickly an HOA problem, there are many ways around that. My HOA is very strict, and I have an attic full of antennas. I do very well with my comprimised antennas.

To many irons in the fire is another problem. I had to take a 10 year break from ham radio for the same reason. I am now back in the hobby and happier than I was before. Hope to see you back out here sometimes when things settle down for you.

Hank / KB4MTO

--- In FT897@yahoogroups.com, Todd Freeman <pcsar4x4652@...> wrote:
>
> I'm in Portland, Or and I'm selling cause I can't put up any antennas
> here (HOA) and I have too many irons in the fire. I was going to get
> back into Search and Rescue here in Oregon and needed the radio but have
> since decided not to, and I just don't have the time to make a hobby out
> of it again.
>
>
> Todd Freeman
>
> Patriot Guard Rider
> GWRRA 255404
> CA1-M
> GWTA 100490
>
> Don't Let The Memory Of Them Drift Away.
> www.IraqWarHeroes.org
>
>
>
>
> Joe wrote:
> >
> >
> > Uhhh....Where are you located? And why are you selling the farm?
> >
> > Joe Wolfe
> > WA6RKN
> > Reno, Nevada
> >
> > ----- Original Message -----
> > From: "mygl1800jet" <mygl1800jet@...
> > <mailto:mygl1800jet%40yahoo.com>>
> > Subject: [FT897] FS - FT897D new with accy's
> >
> > >I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter,

> > >internal power supply, internal battery pack (2 batteries) with the
> > >charger, LDG AT897 tuner, all the boxes Tech and General study books, 40
> > >foot tubular crank uptower, hygain? triband beam 10,15,21 meter,
> > laser 400
> > >(12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II
> > most
> > >of it, top section of a Rohn? tower, 2 rotors with controllers for sale.
> > >
> > > $1500.00 takes all. come and get it plus anything else I may find to
> > throw
> > > in.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

29414. RE: [FT897] Antenna switching for 6M

Yahoo group: FT897 (2010)
Date: 2010-03-17 13:57:32 UTC
From: Dennis
Topic: 29403 Message: 29414

Well, since the 6m band is on the HF connector and the 2m 70cm bands are on the other, you will need to use an EXTERNAL antenna switch between the 2 connectors if you intend on using one antenna as you describe.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of BSA Ride
Sent: Monday, March 15, 2010 9:02 PM
To: FT897@yahoogroups.com
Subject: [FT897] Antenna switching for 6M

I am working on a station with the 897D.

I have 5BTV and V2000 antennas. The V2000 will do UHF/VHF/6M
and I want to know if it's possible to switch antennas internally
with the 897 or do I need an external antenna switch?

[Non-text portions of this message have been removed]

29415. Re: [FT897] FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-17 14:23:51 UTC
From: Carl Wulfestieg
Topic: 8844 Message: 29415

Ben-

First, the TCXO-9

The FT-897 did not come with the TCXO-9, it was optional. It was "standard" on the FT-897"D". I have one but I haven't installed it yet. As far as I know, only Yaesu makes the TXCO-9. This is a crystal oven that stabilizes the oscillator frequency variations due to temperature changes. Some people prefer to add it because they operate digital modes where higher frequency stability is desired. The price is $100 plus. (HRO and others)

Next, filters

The question really is "what do they do", and do you NEED what they do. The filters provide a narrower receiving bandwidth. You may be trying to receive a weak signal. If there is a strong signal close to the weak signal, then the strong signal will cause attenuation of both signals, and it will be hard to hear the weak signal. If you have a narrower receiving bandwidth because you are using a filter, you can tune in the weaker signal and the stronger signal will be "outside" of the bandwidth, so the weak signal won't be attenuated and it will be easier to hear it. That's basically what they are used for. If you're not into SSB, you don't need the SSB filter. If you're not into CW, you don't need the CW filter. Also, rather than Yaesu as a source, you may want to consider the following because of more favorable pricing and better operation. Inrad is OK also but I am not familiar with them. I am familiar with the following.

Go to W4RT: http://www.w4wb.com/

I suppose a 2000Hz filter could be better, but I'm not into SSB.
For SSB you need 2300Hz OPF-Y-SSB ($134)
Useful for filtering out strong signals adjacent to the signal you want to hear. Stops the strong signal from causing the attenuation of the weaker signal that you want to hear.

For CW you need 500Hz OPF-Y-CW-500 ($114)
OR 300Hz OPF-Y-CW-300 ($119)
Useful for filtering out strong signals adjacent to the signal you want to hear. Stops the strong signal from causing the attenuation of the weaker signal that you want to hear. The 300Hz filter is just a narrower bandwidth. Some people don't care for the 300Hz filter because they say it "rings" more than the 500Hz filter. People who are into contests sometimes prefer the 300Hz filter. Even though they are for "CW", they could be used for PSK also.

Last, the LDG FT-Meter

Also, at W4RT, check out the FT-Meter. I have one and it's the best $45 I ever spent. (radio wise)
It is back-lit illuminated with an external Power Module that doesn't come with it (I use a Wall Wart - 12VDC output). It plugs into the jack on the bottom of the FT-897/D, 2.5" from the right edge, near the front. You set what you want the meter to read by using Menu 60

(for when receiving) and Menu 61 (for when transmitting).

Finally

If you're into CW, check out the Straight Key Century Club (SKCC) (no dues yet)
http://www.skccgroup.com

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

29416. Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-17 16:41:16 UTC
From: Wizzard
Topic: 29416 Message: 29416

My wife and I found out that there are many we can't hear locally on our 2M HT's from home. Slim Jim works fine, but a bit bulky :)(Bitterroot valley in west MT mountains). To that end, has anyone any ideas for creating a local low power repeater setup using the 897d as the main receiver/trans to allow the HT's to hear and talk back?

I thought of a 'spare HT' or inexpensive low power unit with vox-vox linking to the 897. That would let us carry our own HTs around the property, and local area, with a link to 146.580, or other simplex freq.(a frequency our local group usually uses.) I know, there's a local repeater here, that's not the route we want to go.

73
Wayne K7WAY
Hamilton, MT

29417. Re: [FT897] Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-17 16:48:05 UTC
From: Richard Corfield
Topic: 29416 Message: 29417

I understand that the DATA port on the back has pins that would be useful for repeater setup if you don't want to use VOX.

The Yaesu 8900 has this functionality built in, if you're willing to buy another radio. Not as flexible as the 897.

It's more normal to use completely different bands for the local side in order to make non-interfering antenna setups easier. If you use 2m and 70cm for example you can share an antenna between both units, using a diplexer to separate them. The 8900 has this built in.

- Richard

On 17 March 2010 16:41, Wizzard <wchilcote@...> wrote:

>
>
>
> My wife and I found out that there are many we can't hear locally on our 2M
> HT's from home. Slim Jim works fine, but a bit bulky :)(Bitterroot valley in
> west MT mountains). To that end, has anyone any ideas for creating a local
> low power repeater setup using the 897d as the main receiver/trans to allow
> the HT's to hear and talk back?
>
> I thought of a 'spare HT' or inexpensive low power unit with vox-vox
> linking to the 897. That would let us carry our own HTs around the property,
> and local area, with a link to 146.580, or other simplex freq.(a frequency
> our local group usually uses.) I know, there's a local repeater here, that's
> not the route we want to go.
>
> 73
> Wayne K7WAY
> Hamilton, MT
>
>
>

[Non-text portions of this message have been removed]

29418. RE: [FT897] Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-17 17:47:43 UTC
From: Dennis
Topic: 29416 Message: 29418

Richard has it right. However, there are several radios that would suffice. I have the 8800 and has same Xband capabilities also. You would be better served by going this route rather than having to spend more money for what you want to do, assuming you are ONLY trying 2m/70cm. The Kenwood TS2000 will allow this AND the capability to Xband into HF as well (if that is what you may like, too) among other features as well. But, at nearly $1700.00, it may be too much money for you to spend.

It IS possible, some say, to link two 897's together and make a repeater out of them, but I have no knowledge on how to do this. Supposedly the 857's have the same possibility too.

On the other hand, you could find a good low power repeater on ebay or somewhere, have it programmed and use that - just another idea, but again you could still spend around $300.00 or more.

Unfortunately, there will be NO "cheap" way to do what you seek!

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Corfield
Sent: Wednesday, March 17, 2010 11:48 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Home low power repeater?

I understand that the DATA port on the back has pins that would be useful for repeater setup if you don't want to use VOX.

The Yaesu 8900 has this functionality built in, if you're willing to buy another radio. Not as flexible as the 897.

It's more normal to use completely different bands for the local side in order to make non-interfering antenna setups easier. If you use 2m and 70cm for example you can share an antenna between both units, using a diplexer to separate them. The 8900 has this built in.

- Richard

On 17 March 2010 16:41, Wizzard <wchilcote@yahoo.
<mailto:wchilcote%40yahoo.com> com> wrote:

>
>
>

> My wife and I found out that there are many we can't hear locally on our
2M
> HT's from home. Slim Jim works fine, but a bit bulky :)(Bitterroot valley
in
> west MT mountains). To that end, has anyone any ideas for creating a local
> low power repeater setup using the 897d as the main receiver/trans to
allow
> the HT's to hear and talk back?
>
> I thought of a 'spare HT' or inexpensive low power unit with vox-vox
> linking to the 897. That would let us carry our own HTs around the
property,
> and local area, with a link to 146.580, or other simplex freq.(a frequency
> our local group usually uses.) I know, there's a local repeater here,
that's
> not the route we want to go.
>
> 73
> Wayne K7WAY
> Hamilton, MT
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29419. what voltage

Yahoo group: FT897 (2010)
Date: 2010-03-17 23:07:41 UTC
From: gaborjordan
Topic: 29419 Message: 29419

Hi, this summer I want to use a large lead acid battery on field day.
What is the effect on the rig to use less than specified voltage? Earlier I have experienced that ATAS120 do not work, but are there any other problem ?

If yes, can you recommend a silent dcdc converter ?

Thanks,

HG9XT

29420. RE: [FT897] Antenna switching for 6M

Yahoo group: FT897 (2010)
Date: 2010-03-18 00:48:13 UTC
From: Tate Antrim
Topic: 29403 Message: 29420

Don't think about switching internally. The final PA for the HF includes 6m - it's very broadbanded. Use an external switch and maybe a couple of diplexers to route the 6m signals to the antenna on the same feedline as the 2m and 70cm

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of BSA Ride
Sent: Monday, March 15, 2010 10:02 PM
To: FT897@yahoogroups.com
Subject: [FT897] Antenna switching for 6M

I am working on a station with the 897D.

I have 5BTV and V2000 antennas. The V2000 will do UHF/VHF/6M
and I want to know if it's possible to switch antennas internally
with the 897 or do I need an external antenna switch?

[Non-text portions of this message have been removed]

29421. Mounting the radio

Yahoo group: FT897 (2010)
Date: 2010-03-18 10:08:40 UTC
From: n3kma
Topic: 29421 Message: 29421

Good Morning, everyone!

I have an '08 Nissan Exterra. I'm wondering if anyone has put a radio in one of these, and where they put it. And, what other mounting options have people tried.

73
Fred
N3KMA

29422. Re: Antenna switching for 6M

Yahoo group: FT897 (2010)
Date: 2010-03-18 13:01:55 UTC
From: Richard Head, KDØGDV
Topic: 29403 Message: 29422

<Use an external switch and maybe a couple of diplexers to route the 6m signals to the antenna on the same feedline as the
2m and 70cm>

That's exactly what I've done with my Comet GP-15 tribander (6/2/440). An external switch and a duplexer (splitter). Just look carefully at the switch you're considering to make sure it handles the frequency ranges you need for each side of the switch. Unfortunately, most switches still seem to gang VHF/UHF/6M on the same side, which defeats the purpose of what you're trying to do. Get one that handles 160M through 6M freqs on one side and VHF and above on the other side (an expensive mistake otherwise).

What I've also found is that my 6m signal reports are much better on both Tx and Rx if I run the 6m through the (VHF/UHF) side of the switch rather than the HF side where the 6M is found natively in the radio.
Richard Head
KDØGDV

[Non-text portions of this message have been removed]

29423. Re: [FT897] what voltage

Yahoo group: FT897 (2010)
Date: 2010-03-18 14:15:09 UTC
From: Nenad R
Topic: 29419 Message: 29423

There is no any efect on my 897D until 9.7V. If battery voltage decrease more, max. output power (100W) start to decrese also.
Anyway, if voltage on battery drop under 10.5V with full load, battery is already empty and you should stop to discharege more to avoid battery permanent damage.

73 de Neno 9A5AN

--- On Thu, 3/18/10, gaborjordan <zxs@...> wrote:

From: gaborjordan <zxs@...>
Subject: [FT897] what voltage
To: FT897@yahoogroups.com
Date: Thursday, March 18, 2010, 12:07 AM

Hi, this summer I want to use a large lead acid battery on field day.

What is the effect on the rig to use less than specified voltage? Earlier I have experienced that ATAS120 do not work, but are there any other problem ?

If yes, can you recommend a silent dcdc converter ?

Thanks,

HG9XT

[Non-text portions of this message have been removed]

29424. Re: repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-14 12:15:19 UTC
From: KC2UPE
Topic: 29374 Message: 29424

there is a nice program that is FREE to program your 897-857 it is called ftbasicnmo. it is free which is the best part and you can do all of your programing for repeaters with it its a lot easier than doing it from the radio. just one thing you will need a cat cable to use this. also available on ebay for a good price i think you can get the cat and data cable combo for about 30 bucks pluss shipping. yes yes hi hi i love my yaesu's to death. i have both the 897d and 857d (virtually the same) and just got a vx8dr go yaesu great product. and good luck with the programin of your 897.

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> If you have the owners manual, I suggest you read it BEFORE operating the
> radio. The "spl" can be changed from the multi-function menu. To access
> this menu, "tap" the "Func" key and rotate the select knob until you see
> "spl" in the menu above the corresponding button under the display. Press
> the button and "spl" will disappear from the upper area of the display.
> "Tap" the "Func" key again and rotate select knob until "Ton" appears in the
> menu. Press the button and "tsq" will appear for the PL Tone. Same thing
> to get "-" or "+", but you are looking for "Rpt" in the menu.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> n3kma
> Sent: Wednesday, March 10, 2010 8:04 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] repeater operation
>
>
>
>
>
>
> I just bought this radio on Ebay. I want to love it! But, being at the very
> bottom of the learning curve, I'm having some trouble. There is an SPL in
> the upper left corner of the display. I think it's supposed to display + or
> - depending on the offset for a particular repeater. However, I can't figure
> out how to get rid of that SPL. Can anyone help me?
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

29425. RE: [FT897] Re: repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-18 17:55:53 UTC
From: Dennis
Topic: 29374 Message: 29425

FTBasicmmo is NOT free. You are running in demo mode. Eventually you will be required to purchase the program and get a key to unlock the program. I know, I have the program. However, you are correct that it is the easiest way to program the radio, however, you still need to know how to operate the basic functions of the radio and this issue is one that you SHOULD know. It is NOT rocket science. Simply reading the manual before operating ANY radio is sound advice because most questions an 897 owner may have can be answered there.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of KC2UPE
Sent: Sunday, March 14, 2010 7:15 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: repeater operation

there is a nice program that is FREE to program your 897-857 it is called ftbasicnmo. it is free which is the best part and you can do all of your programing for repeaters with it its a lot easier than doing it from the radio. just one thing you will need a cat cable to use this. also available on ebay for a good price i think you can get the cat and data cable combo for about 30 bucks pluss shipping. yes yes hi hi i love my yaesu's to death. i have both the 897d and 857d (virtually the same) and just got a vx8dr go yaesu great product. and good luck with the programin of your 897.

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Dennis" <n8bmb1@...> wrote:
>
> If you have the owners manual, I suggest you read it BEFORE operating the
> radio. The "spl" can be changed from the multi-function menu. To access
> this menu, "tap" the "Func" key and rotate the select knob until you see
> "spl" in the menu above the corresponding button under the display. Press
> the button and "spl" will disappear from the upper area of the display.
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> to get "-" or "+", but you are looking for "Rpt" in the menu.
>
>
>
> Dennis - N8BMB
>
>
>

> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
Of
> n3kma
> Sent: Wednesday, March 10, 2010 8:04 PM
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] repeater operation
>
>
>
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> the upper left corner of the display. I think it's supposed to display +
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> out how to get rid of that SPL. Can anyone help me?
>
>
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29426. Re: [FT897] Re: repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-18 18:14:59 UTC
From: Fred Fish
Topic: 29374 Message: 29426

Just for the record, Dennis, I did read the manual. I just couldn't figure it out. Thought a newsgroup would be a reasonable place to post a question. Sorry if I offended you.

On Thu, Mar 18, 2010 at 1:55 PM, Dennis <n8bmb1@...> wrote:

>
>
> FTBasicmmo is NOT free. You are running in demo mode. Eventually you will
> be required to purchase the program and get a key to unlock the program. I
> know, I have the program. However, you are correct that it is the easiest
> way to program the radio, however, you still need to know how to operate
> the
> basic functions of the radio and this issue is one that you SHOULD know. It
> is NOT rocket science. Simply reading the manual before operating ANY radio
> is sound advice because most questions an 897 owner may have can be
> answered
> there.
>
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> KC2UPE
> Sent: Sunday, March 14, 2010 7:15 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re: repeater operation
>
> there is a nice program that is FREE to program your 897-857 it is called
> ftbasicnmo. it is free which is the best part and you can do all of your
> programing for repeaters with it its a lot easier than doing it from the
> radio. just one thing you will need a cat cable to use this. also available
> on ebay for a good price i think you can get the cat and data cable combo
> for about 30 bucks pluss shipping. yes yes hi hi i love my yaesu's to
> death.
> i have both the 897d and 857d (virtually the same) and just got a vx8dr go
> yaesu great product. and good luck with the programin of your 897.
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com, "Dennis"
>
> <n8bmb1@...> wrote:
> >

> > If you have the owners manual, I suggest you read it BEFORE operating the
> > radio. The "spl" can be changed from the multi-function menu. To access
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> > the button and "spl" will disappear from the upper area of the display.
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> > menu. Press the button and "tsq" will appear for the PL Tone. Same thing
> > to get "-" or "+", but you are looking for "Rpt" in the menu.
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> >
> >
> > Dennis - N8BMB
> >
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com] On Behalf
> Of
> > n3kma
> > Sent: Wednesday, March 10, 2010 8:04 PM
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
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> > Subject: [FT897] repeater operation
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

29427. Re: [FT897] FS - FT897D new with accy's

Yahoo group: FT897 (2010)
Date: 2010-03-18 19:09:07 UTC
From: Todd Freeman
Topic: 29375 Message: 29427

Hi,
All the equipment has been sold and picked up.
Thanks for your interest.

>I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter,
CW filter,
>internal power supply, internal battery pack (2 batteries) with the
>charger, LDG AT897 tuner, all the boxes Tech and General study books, 40
>foot tubular crank uptower, hygain? triband beam 10,15,21 meter, laser
400
>(12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II
most
>of it, top section of a Rohn? tower, 2 rotors with controllers for sale.
>
> $1500.00 takes all. come and get it plus anything else I may find to
throw
> in.

Todd Freeman
Patriot Guard Rider
GWRRA 255404
CA1-M
GWTA 100490

Don't Let The Memory Of Them Drift Away.
www.IraqWarHeroes.org

Joe wrote:
>
>
> Uhhh....Where are you located? And why are you selling the farm?
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "mygl1800jet" <mygl1800jet@...
> <mailto:mygl1800jet%40yahoo.com>>
> Subject: [FT897] FS - FT897D new with accy's
>
> >I have a new (zero hours) Yaesu FT-897D with TCXO, collins SSB filter,
> >internal power supply, internal battery pack (2 batteries) with the
> >charger, LDG AT897 tuner, all the boxes Tech and General study books, 40
> >foot tubular crank uptower, hygain? triband beam 10,15,21 meter,
> laser 400

> >(12 element) beam, moonraker 4 beam w/ new rear rejection kit, pdl II
> most
> >of it, top section of a Rohn? tower, 2 rotors with controllers for sale.
> >
> > $1500.00 takes all. come and get it plus anything else I may find to
> throw
> > in.
>
>

[Non-text portions of this message have been removed]

29428. RE: [FT897] Re: repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-18 19:31:48 UTC
From: Dennis
Topic: 29374 Message: 29428

No offense was taken and I apologize if my reply came off as gruff. However, if you haven't been in the group long I can assure you there have been way too many questions posted here that if the writer would have taken the time to read the manual, he/she would have found their answer. While most radios now ARE, for the most part, "plug and play", I do realize there will be questions the manual does not answer. As well, I DO realize the manual can be confusing since it either does NOT properly cover some things or is not written clearly.

I hope that you will not be offended and seek the help you may need in this forum in the future as there is excellent advice offered here. Again, I apologize if I seemed gruff!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@...m] On Behalf Of Fred Fish
Sent: Thursday, March 18, 2010 1:15 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: repeater operation

Just for the record, Dennis, I did read the manual. I just couldn't figure it out. Thought a newsgroup would be a reasonable place to post a question. Sorry if I offended you.

On Thu, Mar 18, 2010 at 1:55 PM, Dennis <n8bmb1@...> wrote:

>
>
> FTBasicmmo is NOT free. You are running in demo mode. Eventually you will
> be required to purchase the program and get a key to unlock the program. I
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> answered
> there.
>
>
> Dennis - N8BMB
>

> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> KC2UPE
> Sent: Sunday, March 14, 2010 7:15 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re: repeater operation
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> there is a nice program that is FREE to program your 897-857 it is called
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> programing for repeaters with it its a lot easier than doing it from the
> radio. just one thing you will need a cat cable to use this. also
available
> on ebay for a good price i think you can get the cat and data cable combo
> for about 30 bucks pluss shipping. yes yes hi hi i love my yaesu's to
> death.
> i have both the 897d and 857d (virtually the same) and just got a vx8dr go
> yaesu great product. and good luck with the programin of your 897.
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> --- In FT897@yahoogroups.
<mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com, "Dennis"
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> <n8bmb1@...> wrote:
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> > "spl" in the menu above the corresponding button under the display.
Press
> > the button and "spl" will disappear from the upper area of the display.
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> > menu. Press the button and "tsq" will appear for the PL Tone. Same thing
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> >
> >
> > Dennis - N8BMB
> >
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.
<mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com
> [mailto:FT897@yahoogroups.
<mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com] On Behalf

> Of
> > n3kma
> > Sent: Wednesday, March 10, 2010 8:04 PM
> > To: FT897@yahoogroups.
<mailto:FT897%40yahoogroups.com<FT897%2540yahoogroups.com>>
> com
> > Subject: [FT897] repeater operation
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

29429. RE: [FT897] Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-18 23:17:17 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 29416 Message: 29429

I agree with both Richard and Dennis, but I have another idea.

The best solution is using an FT-8800 (or similar) radio with cross-band repeat.

If you want the least expensive solution, then I would recommend creating a single-band simplex repeater. There are devices that connect to any 2-way radio that record and repeat. It can be rather cumbersome to use, but it works. There is a delay while the other party is being recorded, you may / may not hear this twice. No need for a duplexer, because it is simplex. You can use an inexpensive older HT with a j-pole (or slim jim) antenna, and not tie up your FT897. You don't even need CTCSS.

I don't have a source for one of these simplex repeater adapters. I bought one a long time ago from Radio Shack, but I doubt they still carry them. You can probably find one with a web search.

Rob
AF6CM

On Wed, 17 Mar 2010 12:47 -0500, "Dennis" <n8bmb1@...> wrote:

Richard has it right. However, there are several radios that would suffice.
I have the 8800 and has same Xband capabilities also. You would be better
served by going this route rather than having to spend more money for what
you want to do, assuming you are ONLY trying 2m/70cm. The Kenwood TS2000
will allow this AND the capability to Xband into HF as well (if that is what
you may like, too) among other features as well. But, at nearly $1700.00,
it may be too much money for you to spend.
It IS possible, some say, to link two 897's together and make a repeater out
of them, but I have no knowledge on how to do this. Supposedly the 857's
have the same possibility too.
On the other hand, you could find a good low power repeater on ebay or

somewhere, have it programmed and use that - just another idea,
but again
you could still spend around $300.00 or more.
Unfortunately, there will be NO "cheap" way to do what you seek!
Good luck!
Dennis - N8BMB

On 17 March 2010 16:41, Wizzard <wchilcote@yahoo.
<mailto:wchilcote%40yahoo.com> com> wrote:
>
>
>
> My wife and I found out that there are many we can't hear
locally on our
2M
> HT's from home. Slim Jim works fine, but a bit bulky
:)(Bitterroot valley
in
> west MT mountains). To that end, has anyone any ideas for
creating a local
> low power repeater setup using the 897d as the main
receiver/trans to
allow
> the HT's to hear and talk back?
>
> I thought of a 'spare HT' or inexpensive low power unit with
vox-vox
> linking to the 897. That would let us carry our own HTs around
the
property,
> and local area, with a link to 146.580, or other simplex
freq.(a frequency
> our local group usually uses.) I know, there's a local repeater
here,
that's
> not the route we want to go.
>
> 73
> Wayne K7WAY
> Hamilton, MT
>
>
>

29430. Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 06:03:25 UTC
From: yo5orw
Topic: 29430 Message: 29430

Hello.
I intend to install my FT-897D in my car and I'd like to use the lighter jack for supply. There is a 10A fuse on this connector. Anyone knows what should be the max power I should use (FM especially on 70cm, 2m and 11m CB)? I dont want to burn the fuse. Or shall I connect it directly to the car battery?
Thanks

Cosmin - YO5ORW

29431. RE: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 07:01:27 UTC
From: Bruce Krell
Topic: 29430 Message: 29431

Connect directly to the car battery.

Most cars these days have a huge rubber grommet to bring the power wire through.

Take apart a wire clothes hanger, tape the power cable to the hanger, push the

Hanger through the grommet. Once you get the power cable through the grommet,

Take the cable off the hanger. You can then route the power cable over, under,

Around, and through any obstacles to the rear of the radio.

You will not likely be able to run the 897D off the 10A fuse. The manufacturer recommends specifically

That you not do this. Shorting out things by drawing too much power can be a problem. OK, it's only

A lighter but most cars today have computer based systems. No point in jacking with this.

If you run the power cable from the battery, you'll have all the power you need for any frequency.

Bruce, AE6VG

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of yo5orw
Sent: Thursday, March 18, 2010 11:03 PM
To: FT897@yahoogroups.com
Subject: [FT897] Question regarding current consumption

Hello.
I intend to install my FT-897D in my car and I'd like to use the lighter jack for supply. There is a 10A fuse on this connector. Anyone knows what should be the max power I should use (FM especially on 70cm, 2m and 11m CB)? I dont want to burn the fuse. Or shall I connect it directly to the car battery?
Thanks

Cosmin - YO5ORW

[Non-text portions of this message have been removed]

29432. Re: [FT897] Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-19 07:12:14 UTC
From: Richard Corfield
Topic: 29416 Message: 29432

It's the kind of thing that can be done well in software on a general purpose computer, especially as such a computer is going to have plenty of storage to buffer the recording.

It sounds fiddly to use though, especially if you don't know whether or not the other party is still in range or still transmitting or if there is a danger of doubling.

- Richard

On 18 March 2010 23:17, <af6cm_yahoo@...> wrote:

>
>
> I agree with both Richard and Dennis, but I have another idea.
>
> The best solution is using an FT-8800 (or similar) radio with
> cross-band repeat.
>
> If you want the least expensive solution, then I would recommend
> creating a single-band simplex repeater. There are devices
> that connect to any 2-way radio that record and repeat. It
> can be rather cumbersome to use, but it works. There is a
> delay while the other party is being recorded, you may / may
> not hear this twice. No need for a duplexer, because it is
> simplex. You can use an inexpensive older HT with a j-pole
> (or slim jim) antenna, and not tie up your FT897. You
> don't even need CTCSS.
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> I don't have a source for one of these simplex repeater
> adapters. I bought one a long time ago from Radio Shack,
> but I doubt they still carry them. You can probably find
> one with a web search.
>
> Rob
> AF6CM
>
> On Wed, 17 Mar 2010 12:47 -0500, "Dennis" <n8bmb1@...<n8bmb1%40yahoo.com>
> >
> wrote:
>
>
> Richard has it right. However, there are several radios that
> would suffice.
> I have the 8800 and has same Xband capabilities also. You would
> be better

> served by going this route rather than having to spend more money
> for what
> you want to do, assuming you are ONLY trying 2m/70cm. The Kenwood
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> will allow this AND the capability to Xband into HF as well (if
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> you may like, too) among other features as well. But, at nearly
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> It IS possible, some say, to link two 897's together and make a
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> of them, but I have no knowledge on how to do this. Supposedly
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> On the other hand, you could find a good low power repeater on
> ebay or
> somewhere, have it programmed and use that - just another idea,
> but again
> you could still spend around $300.00 or more.
> Unfortunately, there will be NO "cheap" way to do what you seek!
> Good luck!
> Dennis - N8BMB
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> On 17 March 2010 16:41, Wizzard <wchilcote@yahoo.
> <mailto:wchilcote%40yahoo.com <wchilcote%2540yahoo.com>> com> wrote:
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> > My wife and I found out that there are many we can't hear
> locally on our
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> > HT's from home. Slim Jim works fine, but a bit bulky
> :)(Bitterroot valley
> in
> > west MT mountains). To that end, has anyone any ideas for
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> > low power repeater setup using the 897d as the main
> receiver/trans to
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> > the HT's to hear and talk back?
> >
> > I thought of a 'spare HT' or inexpensive low power unit with
> vox-vox
> > linking to the 897. That would let us carry our own HTs around
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> property,
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> freq.(a frequency
> > our local group usually uses.) I know, there's a local repeater
> here,

> that's
> > not the route we want to go.
> >
> > 73
> > Wayne K7WAY
> > Hamilton, MT
> >
> >
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>

[Non-text portions of this message have been removed]

29433. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 07:15:26 UTC
From: Richard Corfield
Topic: 29430 Message: 29433

Current draw up to 50W should fit in, all going well. The main problem with using the lighter is that it's a weak connection to a poorly filtered supply. Connecting straight to the battery gives you a strong connection to the battery itself and its quite effective voltage stabilising ability.

I use Powerpole connectors, which are a bit overkill for the current in use, and have a lead with a powerpole from the car battery to the compartment where the radio is. This lets me swap radios in and out or use the radio in various places.

- Richard

On 19 March 2010 07:01, Bruce Krell <BKrell@swarchitects.com> wrote:

>
>
> Connect directly to the car battery.
>
> Most cars these days have a huge rubber grommet to bring the power wire
> through.
>
> Take apart a wire clothes hanger, tape the power cable to the hanger, push
> the
>
> Hanger through the grommet. Once you get the power cable through the
> grommet,
>
> Take the cable off the hanger. You can then route the power cable over,
> under,
>
> Around, and through any obstacles to the rear of the radio.
>
> You will not likely be able to run the 897D off the 10A fuse. The
> manufacturer recommends specifically
>
> That you not do this. Shorting out things by drawing too much power can be
> a
> problem. OK, it's only
>
> A lighter but most cars today have computer based systems. No point in
> jacking with this.
>
> If you run the power cable from the battery, you'll have all the power you
> need for any frequency.
>
> Bruce, AE6VG

>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> yo5orw
> Sent: Thursday, March 18, 2010 11:03 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Question regarding current consumption
>
>
> Hello.
> I intend to install my FT-897D in my car and I'd like to use the lighter
> jack for supply. There is a 10A fuse on this connector. Anyone knows what
> should be the max power I should use (FM especially on 70cm, 2m and 11m
> CB)?
> I dont want to burn the fuse. Or shall I connect it directly to the car
> battery?
> Thanks
>
> Cosmin - YO5ORW
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29434. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 10:46:37 UTC
From: josedouglas@yahoo.com
Topic: 29430 Message: 29434

I was just looking into this last week, the owners manual on my 04 Government Motors Sierra Pick Pick up truck gives no mention on the max amt of current you can draw from the power point.
The manual on my 05 Lincoln Town Car does, it says it comes with a 10amp fuse but all you have to do is change the fuse to either a 20amp or up to a 30amp depending on what you want to use.
It does warn not to use the cigarrette lighter itself for powering things or vice versa.

Still might be better to connect directly to the battery though...

Cheers and 73s from Mid Coast Maine,

Jose Douglas
KB1TCD

From: yo5orw <yo6orw@...>
To: FT897@yahoogroups.com
Sent: Fri, March 19, 2010 2:03:25 AM
Subject: [FT897] Question regarding current consumption

Hello.
I intend to install my FT-897D in my car and I'd like to use the lighter jack for supply. There is a 10A fuse on this connector. Anyone knows what should be the max power I should use (FM especially on 70cm, 2m and 11m CB)? I dont want to burn the fuse. Or shall I connect it directly to the car battery?
Thanks

Cosmin - YO5ORW

[Non-text portions of this message have been removed]

29435. RE: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 11:09:19 UTC
From: Ken Bandy
Topic: 29430 Message: 29435

Jose, are you saying that it says in the owner's manual for your Town Car to just change the fuse if you want to draw more power? I really would think they wouldn't say that. After all, the fuse is there to protect the wiring of the car, and is probably sized accordingly.

The best power hook up is definitely to the battery, using the accessory connection only for temporary hook ups.

73,
Ken
KJ9B

> -----Original Message-----
> From: josedouglas@... [mailto:josedouglas@...]
> Sent: Friday, March 19, 2010 6:47 AM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Question regarding current consumption
>
> I was just looking into this last week, the owners manual on
> my 04 Government Motors Sierra Pick Pick up truck gives no
> mention on the max amt of current you can draw from the power point.
> The manual on my 05 Lincoln Town Car does, it says it comes
> with a 10amp fuse but all you have to do is change the fuse
> to either a 20amp or up to a 30amp depending on what you want to use.
> It does warn not to use the cigarrette lighter itself for
> powering things or vice versa.
>
> Still might be better to connect directly to the battery though...
>
> Cheers and 73s from Mid Coast Maine,
>
> Jose Douglas
> KB1TCD
>

29436. Re:Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-18 18:22:41 UTC
From: 1800 Toll Free
Topic: 29416 Message: 29436

I'd say get one of those hokey "repeaters" that MFJ and the rest make.

It's basically a recorder on a chip. Once you talk, the recorder starts. When your done talking, it repeats whatever's been recorded through the mic input (usually).

Search "Simplex Repeater Adapter" or something similar. You'll find LOTS of into out there on these setups.

The downside is this: It listens, then retransmits. NOT real time.

--Shane

29437. mh59 microphone??

Yahoo group: FT897 (2010)
Date: 2010-03-18 23:27:58 UTC
From: Bob
Topic: 29437 Message: 29437

I just received my 897d from Gigaparts and it is a great little radio. I am mainly going to use mine for 6 and 2 meters and as a back up to my FT950. I am using a Md100 on it right now and getting good audio reports. I thought about selling the md100 and buying the mh59 mainly for control on 2 meters. I've seen mixed reviews on this mike on HF. Has anyone used one on HF and do you think it is worth the money?

Thanks and 73's

Bobby N4ZEN

29438. FS: Low loss coax for the VHF/UHF bands

Yahoo group: FT897 (2010)
Date: 2010-03-17 22:13:55 UTC
From: John Geiger
Topic: 29438 Message: 29438

I have for sale a brand new 75 foot run of Times Microwave LMR-LW400 low loss coax cable with N connectors installed. This would be perfect for the 2m/70cm side of your FT100D or FT897D. LMR-LW400 is Flexible Low Loss Communications Coax. The LW series uses a copper clad aluminum shield for a 30% weight savingsover standard LMR (which is already lighter than many similar coax).

You can read more about it at

http://www.yachtwire.com/webstore/index.html?190.html&1

It sells for $1.60 a foot, I will sell this coax run for $85 shipped in the US, and can take paypal/check/MO.

73s John AA5JG

29439. Audio and computer question

Yahoo group: FT897 (2010)
Date: 2010-03-17 20:50:36 UTC
From: John Geiger
Topic: 29439 Message: 29439

Here is a question I have for the group. I am looking for a program or utility that will take the audio from my FT100D (into the laptop mic jack) and then play it over the laptop speakers. Anyone know of a program that will do this-so I can hook up the speaker jack from my FT100D to the computer for digital mode copying, but also hear the FT100D over the laptop.

73s John AA5JG

29440. FS: LDG meter for FT857/FT897

Yahoo group: FT897 (2010)
Date: 2010-03-18 22:21:25 UTC
From: John Geiger
Topic: 29440 Message: 29440

I have for sale a new, never used LDG external meter for the yaesu FT857D and FT897D. This is the meter that plugs into the radio and shows power out, SWR, and things like that. Much easier to read than the meter on the FT857 and FT897. These sell new for $46 plus shipping, I am asking $42 shipped and can take paypal/check/MO.

73s John AA5JG

29441. Re: [FT897] Mounting the radio

Yahoo group: FT897 (2010)
Date: 2010-03-18 12:03:20 UTC
From: n4zen@cox.net
Topic: 29421 Message: 29441

Hello Fred,

I had a 04 Exterra that I put a 857d in. I mounted the main body of the radio under the passenger seat and remote mounted the head on the dash. The Nissan had a lot of computer and fuel pump noise. I grounded all the doors, the back hatch and hood and the exhaust system. I put torroids on the ignition wires and fuel pump wires. I used the internal DSP and a SGC DSP speaker and it was still terrible. I finally gave up and took the radio out. Maybe you won't have this exprience but mine was a nightmare.
73's Bobby N4ZEN---- n3kma <n3kma1@...> wrote:
> Good Morning, everyone!
>
> I have an '08 Nissan Exterra. I'm wondering if anyone has put a radio in one of these, and where they put it. And, what other mounting options have people tried.
>
> 73
> Fred
> N3KMA
>

29442. Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-19 01:03:52 UTC
From: starski6
Topic: 29442 Message: 29442

Hello to all, this is my first post here.

I recently noticed that my main dial seems to have a dead spot at the 5 through 8 o'clock position. The tuning value 'hangs' between these points, then continues to tune fine for the rest of the turn, until getting back to the dead spot.

Happens on both VFO's and in both directions. Happens with the mic plugged in and unplugged....

Yaesu said to do Master reboot of radio and tuner. Got the radio, unclear as how to get the LDG tuner...

Any thoughts before I send it off to service?

29443. Re: FT 897

Yahoo group: FT897 (2010)
Date: 2010-03-17 22:50:22 UTC
From: jabiru120
Topic: 8844 Message: 29443

Hi Ben,
These are the differences that I am aware of.
According to the November 2004 QST short takes review the "D" model has fitted:-

Audio DSP
Crystal Oven
60 Mhz
Different Roofing Filter
ALSO
According to DG2IAQ (this group):-

The speech processor circuit was changed to improve it's performance

Regards
Rick VK4NR

29444. Re: Audio and computer question

Yahoo group: FT897 (2010)
Date: 2010-03-19 12:27:01 UTC
From: g8hul
Topic: 29439 Message: 29444

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> Here is a question I have for the group. I am looking for a program or utility that will take the audio from my FT100D (into the laptop mic jack) and then play it over the laptop speakers. Anyone know of a program that will do this-so I can hook up the speaker jack from my FT100D to the computer for digital mode copying, but also hear the FT100D over the laptop.
>
> 73s John AA5JG
>

You don't need any utility to do that, just set the mic (or line) input to be a playback device.

Jeff

29445. RE: [FT897] Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-19 12:59:16 UTC
From: Ken Bandy
Topic: 29442 Message: 29445

Check to see if it affects other uses of the VFO knob, such as changing output power, etc. A couple months after I bought my unit, I started having the same problem. It affected any use of the VFO knob. It got gradually worse until the knob had no affect at all. I sent it in for warranty service. Turned out the optical encoder unit for the VFO knob had gone out. My bet is that is what your problem is.

Also, just to keep things legit, you may want to sign your post with your name and call.

73,
Ken
KJ9B

> -----Original Message-----
> From: starski6 [mailto:starski6@...]
> Sent: Thursday, March 18, 2010 9:04 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Main Dial issue
>
> Hello to all, this is my first post here.
>
> I recently noticed that my main dial seems to have a dead
> spot at the 5 through 8 o'clock position. The tuning value
> 'hangs' between these points, then continues to tune fine for
> the rest of the turn, until getting back to the dead spot.
>
> Happens on both VFO's and in both directions. Happens with
> the mic plugged in and unplugged....
>
> Yaesu said to do Master reboot of radio and tuner. Got the
> radio, unclear as how to get the LDG tuner...
>
> Any thoughts before I send it off to service?

29446. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 15:10:58 UTC
From: Harold Burton
Topic: 29430 Message: 29446

My own 2001 GMC 200HD has two auxiliary power plugs alongside my cigarette lighter
plug. The auxiliary power plugs are fused for 20 amps. They handle the power demands
of my 2 meter rig fine, though I've generally stayed at 25 watts or less.

Harold
KD5SAK

----- Original Message -----
From: <josedouglas@...>
To: <FT897@yahoogroups.com>
Sent: Friday, March 19, 2010 3:46 AM
Subject: Re: [FT897] Question regarding current consumption

>I was just looking into this last week, the owners manual on my 04
>Government Motors Sierra Pick Pick up truck gives no mention on the max amt
>of current you can draw from the power point.
> The manual on my 05 Lincoln Town Car does, it says it comes with a 10amp
> fuse but all you have to do is change the fuse to either a 20amp or up to
> a 30amp depending on what you want to use.
> It does warn not to use the cigarrette lighter itself for powering things
> or vice versa.
>
> Still might be better to connect directly to the battery though...
>
> Cheers and 73s from Mid Coast Maine,
>
> Jose Douglas
> KB1TCD
>
>
>
>
>
>
>
> _____
> From: yo5orw <yo6orw@...>
> To: FT897@yahoogroups.com
> Sent: Fri, March 19, 2010 2:03:25 AM
> Subject: [FT897] Question regarding current consumption
>
>
> Hello.
> I intend to install my FT-897D in my car and I'd like to use the lighter
> jack for supply. There is a 10A fuse on this connector. Anyone knows what

> should be the max power I should use (FM especially on 70cm, 2m and 11m
> CB)? I dont want to burn the fuse. Or shall I connect it directly to the
> car battery?
> Thanks
>
> Cosmin - YO5ORW
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

29447. FP-30

Yahoo group: FT897 (2010)
Date: 2010-03-19 13:35:46 UTC
From: gefi_can
Topic: 1918 Message: 29447

Hi Guys....

I need advice please....
Can I adjust voltage on FT-30....? It is time for me
to buy a new power supply and I am looking after
FT-30... And I would like prolong life my FT-897 rig.

Thank you.
Peter... OM3TLP

29448. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 14:56:03 UTC
From: josedouglas@yahoo.com
Topic: 29430 Message: 29448

Ken,

I guess it's up for interpretation, here is what is says:

"The maximum power each power point can supply depends on the fuse rating.
For example: a 20A fuse should supply a maximum of 240Watts, a 15A fuse should supply
a maximum of 180 Watts and a 10A fuse should supply a maximum of 120 Watts.
Exceeding these limits will result in a blown fuse."

The car comes with a 20A fuse for the power point, so as is it should be OK for up to
240Watts.
I have no plans on running our FT-897 on a vehicle, but might consider running our Kenwood
271
2 metre rig.

Thing is, we're really not traveling much presently so probably won't be doing it for a
while.

Cheers, and 73s,

Jose Douglas
KB1TCD

From: Ken Bandy <kj9b@...>
To: FT897@yahoogroups.com
Sent: Fri, March 19, 2010 7:09:19 AM
Subject: RE: [FT897] Question regarding current consumption

Jose, are you saying that it says in the owner's manual for your Town Car to
just change the fuse if you want to draw more power? I really would think
they wouldn't say that. After all, the fuse is there to protect the wiring
of the car, and is probably sized accordingly.

The best power hook up is definitely to the battery, using the accessory
connection only for temporary hook ups.

73,
Ken
KJ9B

> -----Original Message-----
> From: josedouglas@ yahoo.com [mailto:josedouglas@ yahoo.com]
> Sent: Friday, March 19, 2010 6:47 AM
> To: FT897@yahoogroups. com
> Subject: Re: [FT897] Question regarding current consumption
>
> I was just looking into this last week, the owners manual on

> my 04 Government Motors Sierra Pick Pick up truck gives no
> mention on the max amt of current you can draw from the power point.
> The manual on my 05 Lincoln Town Car does, it says it comes
> with a 10amp fuse but all you have to do is change the fuse
> to either a 20amp or up to a 30amp depending on what you want to use.
> It does warn not to use the cigarrette lighter itself for
> powering things or vice versa.
>
> Still might be better to connect directly to the battery though...
>
> Cheers and 73s from Mid Coast Maine,
>
> Jose Douglas
> KB1TCD
>

[Non-text portions of this message have been removed]

29449. Re: repeater operation

Yahoo group: FT897 (2010)
Date: 2010-03-19 15:07:09 UTC
From: john_kb0ne
Topic: 29374 Message: 29449

Hi Fred,
One of the things find REALLY useful is having the manual in PDF format on the computer and doing a search on key words....

I sometimes can't find stuff in the paper copy but find things I hadn't realized were even in the manual doing a PDF search.

And sometimes the manual isn't at all helpful. So..... ya gotsta come here and ask.

John @ KB0NE

--- In FT897@yahoogroups.com, Fred Fish <n3kma1@...> wrote:
>
> Just for the record, Dennis, I did read the manual. I just couldn't figure
> it out. Thought a newsgroup would be a reasonable place to post a
> question.

29450. Re: Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-19 15:23:20 UTC
From: jraboldcal
Topic: 29416 Message: 29450

There have been several mentions in this thread of using a crossband repeater (for example, 440 to 2m) in your situation. Part 97 imposes rules on repeaters that can be hard to meet for these setups without either add-on equipment or having a licensed control operator physically sitting at the repeater while it is being used. If you're an ARRL member, go to the ARRL home page and search for "crossband". The members-only documents named "How Are You Controlling Your Repeater?" and "Crossband-Repeater Operation" are worth a look.

John KS6M

29451. Re: [FT897] Re: Home low power repeater?

Yahoo group: FT897 (2010)
Date: 2010-03-19 16:25:32 UTC
From: Richard Corfield
Topic: 29416 Message: 29451

It would vary by country. In the UK on the odd occasion I've cross-banded I've either been out with RAYNET which is a special case, or I've taken it as "operating the radio by remote control using a low power signal in another amateur band". The 2E0 licence allows that as long as you keep your controlling radio's power at 500mW or below. The full licence (M0, G) allows more freedom.

I've felt reluctant to use cross-band because it is taking up two frequencies. Presumably I should make routine announcements on both frequencies, which is quite easy to do. Still, if someone comes in on either of the frequencies in use they appear, possibly unwittingly, on the other one. With the VX-7 handheld I can monitor both frequencies at once which would tell me if my repeater was transmitting something I didn't intend it to. I can also call back on the appropriate channel to talk to the other amateur.

I've tended to avoid using CTCSS on the basis that if someone hears a conversation on the control frequency they may wish to call back, and CTCSS will make that harder. I don't know the licensing position if they reply to the person I'm talking to through my repeater without knowing it's a repeater and wish to continue the conversation. Keeping control uplink and downlink power as low as possible reduces the chance of interference, but does not prevent a strong signal on the control frequency from someone who does not know you're there because your signal is kept weak. If they follow the standard procedure "Is this frequency in use" it should help prevent this. Writing this I'm starting to think I should use CTCSS because difficulty replying is less a problem than unintended use.

The low control power does keep the operator close to the repeater, so shutdown is easy. I understand this is an aim with the licence conditions. I once met a friend while out walking with the radio and said I'd have to keep the radio on because of the repeater and my duty to monitor it. Some repeaters allow remote shutdown and restart by DTMF which would have been helpful here. It would be a nice a little microcontroller project to play with one day to allow an emergency remote shutdown. (I've also explained out walking what amateur radio is and what RAYNET do which was quite useful. A group of kids asked what I was doing.)

I'd add a disclaimer though - I'm not part of Ofcom or RSGB or anyone who actually really knows about this. This is based on my interpretation of the licence conditions.

- Richard (M0RJC)

On 19 March 2010 15:23, jraboldcal <yahoohr9@...> wrote:

>
>
> There have been several mentions in this thread of using a crossband
> repeater (for example, 440 to 2m) in your situation. Part 97 imposes rules
> on repeaters that can be hard to meet for these setups without either add-on
> equipment or having a licensed control operator physically sitting at the
> repeater while it is being used. If you're an ARRL member, go to the ARRL
> home page and search for "crossband". The members-only documents named "How
> Are You Controlling Your Repeater?" and "Crossband-Repeater Operation" are
> worth a look.
>
> John KS6M
>
>
>

[Non-text portions of this message have been removed]

29452. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 17:10:38 UTC
From: n0bnd Yahoo
Topic: 29430 Message: 29452

I run an 897d in my lease car, a Dodge Magnum, from a cigarette lighter plug. It's fused for 15 amps. I run with my power set to 60 on hf, 100 on VHF UHF. A battery connection would be better but this works fine. I do this because the company I work for and the lease company don't allow any permanent installations.

Joel Mueller

29453. RE: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 20:00:02 UTC
From: Mike Ernst
Topic: 29430 Message: 29453

Jose (and Ken),

I don't want to disagree with you; however, you can't assume that just because a 20A fuse (at 12 Volts nominal) yields 240W (this is a basic electrical calculation by the way, you don't need a manual) - that you can run a 100W HF rig on it. If you look at the manual for the FT-897D (Available for free download from Yaesu.com), it clearly states that the rig draws 22A during transmit. So you better have at least a 25A fuse if you want to run full power.

Also for the record, when they design the car, they size the wire for the current they intend to run across it. If they fuse it for 10A, they typically would use the smallest wire they can that will safely handle 10A (it's a matter of keeping the cost as low as possible). SO if you try to up the fuse to 20A, the wire resistance will cause the wire to get hotter than normal and may cause a fire. My strong recommendation is use the same fuse the manufacturer used. If that is not enough current, then run direct to the battery. And make sure YOU use large enough gage wire to carry 22A for that distance. If you don't know what gage wire you need, either ask an electrical expert, or do some research on the internet.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of josedouglas@...
Sent: Friday, March 19, 2010 10:56 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Question regarding current consumption

Ken,

I guess it's up for interpretation, here is what is says:

"The maximum power each power point can supply depends on the fuse rating. For example: a 20A fuse should supply a maximum of 240Watts, a 15A fuse should supply
a maximum of 180 Watts and a 10A fuse should supply a maximum of 120 Watts. Exceeding these limits will result in a blown fuse."

The car comes with a 20A fuse for the power point, so as is it should be OK for up to 240Watts.
I have no plans on running our FT-897 on a vehicle, but might consider running our Kenwood 271

2 metre rig.

Thing is, we're really not traveling much presently so probably won't be doing it for a while.

Cheers, and 73s,

Jose Douglas
KB1TCD

From: Ken Bandy <kj9b@... <mailto:kj9b%40arrl.net> >
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Fri, March 19, 2010 7:09:19 AM
Subject: RE: [FT897] Question regarding current consumption

Jose, are you saying that it says in the owner's manual for your Town Car to just change the fuse if you want to draw more power? I really would think they wouldn't say that. After all, the fuse is there to protect the wiring of the car, and is probably sized accordingly.

The best power hook up is definitely to the battery, using the accessory connection only for temporary hook ups.

73,
Ken
KJ9B

> -----Original Message-----
> From: josedouglas@ yahoo.com [mailto:josedouglas@ yahoo.com]
> Sent: Friday, March 19, 2010 6:47 AM
> To: FT897@yahoogroups. com
> Subject: Re: [FT897] Question regarding current consumption
>
> I was just looking into this last week, the owners manual on
> my 04 Government Motors Sierra Pick Pick up truck gives no
> mention on the max amt of current you can draw from the power point.
> The manual on my 05 Lincoln Town Car does, it says it comes
> with a 10amp fuse but all you have to do is change the fuse
> to either a 20amp or up to a 30amp depending on what you want to use.
> It does warn not to use the cigarrette lighter itself for
> powering things or vice versa.
>
> Still might be better to connect directly to the battery though...
>
> Cheers and 73s from Mid Coast Maine,
>
> Jose Douglas
> KB1TCD
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29454. RE: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-19 20:06:38 UTC
From: Mike Ernst
Topic: 29430 Message: 29454

Joel,

You might want to put a meter on it when you transmit. According to the FT-897D manual, the current consumption for the rig is 22A during transmit (at full power), and there is no stipulation that it is any lower on VHF or UHF. If in fact their specifications are correct (I'm guessing they are pretty close since they build the rig), then it is a matter of time until you blow the fuse (or worse until you burn up the wiring from too much heat due to the extra resistance).

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n0bnd Yahoo
Sent: Friday, March 19, 2010 1:11 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Question regarding current consumption

I run an 897d in my lease car, a Dodge Magnum, from a cigarette lighter plug. It's fused for 15 amps. I run with my power set to 60 on hf, 100 on VHF UHF. A battery connection would be better but this works fine. I do this because the company I work for and the lease company don't allow any permanent installations.

Joel Mueller

[Non-text portions of this message have been removed]

29456. Re: [FT897] Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-20 09:46:25 UTC
From: josedouglas@yahoo.com
Topic: 29430 Message: 29456

Mike,

I was just stating what the vehicle's owners manual stated.
A good friend of mine wanted to hook up a Kenwood T-271 - 65Watt 2 metre rig in his X-Terra and was
having trouble finding out how to bring in the wiring to hook it up to the battery.
I suggested he could hook it up to the Power Point, since he was only thinking of running it at 25 Watts (rig has
only two power options, 65 and 25).
He finally decided to take it somewhere and have it hooked up to the battery.

Personally, as I had mentioned earlier, I have no intention at this time to hook up a rig to any of my vehicles and see doing that as an emergency measure only.

I agree with you that the capabilities should be chequed out first before going out and hooking up a rig to a vehicle's Power Point.

Cheers and 73s,

Jose
KB1TCD

From: Mike Ernst <ae8u@...>
To: FT897@yahoogroups.com
Sent: Fri, March 19, 2010 4:00:02 PM
Subject: RE: [FT897] Question regarding current consumption

Jose (and Ken),

I don't want to disagree with you; however, you can't assume that just because a 20A fuse (at 12 Volts nominal) yields 240W (this is a basic electrical calculation by the way, you don't need a manual) - that you can run a 100W HF rig on it. If you look at the manual for the FT-897D (Available for free download from Yaesu.com), it clearly states that the rig draws 22A during transmit. So you better have at least a 25A fuse if you want to run full power.

Also for the record, when they design the car, they size the wire for the current they intend to run across it. If they fuse it for 10A, they typically would use the smallest wire they can that will safely handle 10A (it's a matter of keeping the cost as low as possible). SO if you try to up the fuse to 20A, the wire resistance will cause the wire to get hotter than normal and may cause a fire. My strong recommendation is use the same fuse the manufacturer used. If that is not enough current, then run direct to the battery. And make sure YOU use large enough gage wire to carry 22A for that distance. If you don't know what gage wire you need, either ask an

electrical expert, or do some research on the internet.

73,

Mike, AE8U

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of josedouglas@ yahoo.com
Sent: Friday, March 19, 2010 10:56 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Question regarding current consumption

Ken,

I guess it's up for interpretation, here is what is says:

"The maximum power each power point can supply depends on the fuse rating. For example: a 20A fuse should supply a maximum of 240Watts, a 15A fuse should supply
a maximum of 180 Watts and a 10A fuse should supply a maximum of 120 Watts. Exceeding these limits will result in a blown fuse."

The car comes with a 20A fuse for the power point, so as is it should be OK for up to 240Watts.
I have no plans on running our FT-897 on a vehicle, but might consider running our Kenwood 271
2 metre rig.

Thing is, we're really not traveling much presently so probably won't be doing it for a while.

Cheers, and 73s,

Jose Douglas
KB1TCD

---------- --------- --------- --
From: Ken Bandy <kj9b@... <mailto:kj9b% 40arrl.net> >
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Sent: Fri, March 19, 2010 7:09:19 AM
Subject: RE: [FT897] Question regarding current consumption

Jose, are you saying that it says in the owner's manual for your Town Car to just change the fuse if you want to draw more power? I really would think they wouldn't say that. After all, the fuse is there to protect the wiring of the car, and is probably sized accordingly.

The best power hook up is definitely to the battery, using the accessory connection only for temporary hook ups.

73,
Ken

KJ9B

> -----Original Message-----
> From: josedouglas@ yahoo.com [mailto:josedouglas @ yahoo.com]
> Sent: Friday, March 19, 2010 6:47 AM
> To: FT897@yahoogroups. com
> Subject: Re: [FT897] Question regarding current consumption
>
> I was just looking into this last week, the owners manual on
> my 04 Government Motors Sierra Pick Pick up truck gives no
> mention on the max amt of current you can draw from the power point.
> The manual on my 05 Lincoln Town Car does, it says it comes
> with a 10amp fuse but all you have to do is change the fuse
> to either a 20amp or up to a 30amp depending on what you want to use.
> It does warn not to use the cigarrette lighter itself for
> powering things or vice versa.
>
> Still might be better to connect directly to the battery though...
>
> Cheers and 73s from Mid Coast Maine,
>
> Jose Douglas
> KB1TCD
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29457. Re: [FT897] unsubscribe

Yahoo group: FT897 (2010)
Date: 2010-03-20 16:09:40 UTC
From: Carl Wulfestieg
Topic: 4317 Message: 29457

Todd- Sorry, you have to do it yourself- Here's how-
On this message, scroll way down to the very LAST LINE on the message-
Hopefully, you will see the word "UNSUBSCRIBE"
Can you guess what might happen if you left click on the word UNSUBSCRIBE??
Good Luck 73 Carl WZ4CW

[Non-text portions of this message have been removed]

29458. Re: Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-20 00:41:56 UTC
From: starski6
Topic: 29442 Message: 29458

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Check to see if it affects other uses of the VFO knob, such as changing
> output power, etc. A couple months after I bought my unit, I started having
> the same problem. It affected any use of the VFO knob. It got gradually
> worse until the knob had no affect at all. I sent it in for warranty
> service. Turned out the optical encoder unit for the VFO knob had gone out.
> My bet is that is what your problem is.

Thank you. The Warranty is expired... Should the radio go back to Yaesu, or to a trusted shop? Any suggestions?

KB1RJK
Tim

29459. S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-03-20 15:16:21 UTC
From: w8bux
Topic: 29459 Message: 29459

So I turned on my FT897D last night and after a minute or so I had a gradually building intermittent crackling noise on receive until it was continuous S9, all bands. I disconnected the antennas and the noise remained, so an internal issue apparently. I powered it up today and at first no noise, but it again appeared gradually after a few minutes. Anyone experienced anything like this? Receiver front end damage of some kind? I expect I'll be shipping it to Yaesu on Monday, but sure would like to hear the group's thoughts.

Pete AA8L

29460. Re: [FT897] Re: Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-20 20:00:06 UTC
From: Keith Carpenter
Topic: 29442 Message: 29460

Just in case you haven't tried, check the lock button to the right side of the main tuning dial.

Mine bumps the radio next to it from time to time, if it is on, the dial won't work.

73!

From: starski6 <starski6@...>
To: FT897@yahoogroups.com
Sent: Fri, March 19, 2010 7:41:56 PM
Subject: [FT897] Re: Main Dial issue

--- In FT897@yahoogroups. com, "Ken Bandy" <kj9b@...> wrote:
>
> Check to see if it affects other uses of the VFO knob, such as changing
> output power, etc. A couple months after I bought my unit, I started having
> the same problem. It affected any use of the VFO knob. It got gradually
> worse until the knob had no affect at all. I sent it in for warranty
> service. Turned out the optical encoder unit for the VFO knob had gone out.
> My bet is that is what your problem is.

Thank you. The Warranty is expired... Should the radio go back to Yaesu, or to a trusted shop? Any suggestions?

KB1RJK
Tim

[Non-text portions of this message have been removed]

29461. S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-03-20 21:45:37 UTC
From: Phil
Topic: 29459 Message: 29461

Pete,

It sounds like the problem I had with my FT987D that I purchased used (got Burned). I ended up sending the radio back to Vertex for service and they replaced some ceramic filters. Apparently they have seen this problem before. It was about a 2 week turnaround. Vertex should be able to fix you up.

Good Luck,
Phil - K3FOD

[Non-text portions of this message have been removed]

29462. RE: [FT897] Re: Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-20 23:30:58 UTC
From: Ken Bandy
Topic: 29442 Message: 29462

If you have a shop that you have worked with before, you could check with them. Otherwise, you would be best off to ship it to Yaesu. You might want to check with Yaesu, it's possible that the optical encoder ass'y. is a plug in module that you could change out yourself. I've never explored that deeply, so I can't tell you.

Best of luck on this, Tim. Keep the list posted as to your progress/results.

73,
Ken
KJ9B

> -----Original Message-----
> From: starski6 [mailto:starski6@...]
> Sent: Friday, March 19, 2010 8:42 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Main Dial issue
>
>
>
> --- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
> >
> > Check to see if it affects other uses of the VFO knob, such as changing
> > output power, etc. A couple months after I bought my unit, I started having
> > the same problem. It affected any use of the VFO knob. It got gradually
> > worse until the knob had no affect at all. I sent it in for warranty
> > service. Turned out the optical encoder unit for the VFO knob had gone out.
> > My bet is that is what your problem is.
>
> Thank you. The Warranty is expired... Should the radio go back to Yaesu, or to a trusted shop? Any suggestions?
>
> KB1RJK
> Tim

29463. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-03-21 05:36:25 UTC
From: yo5orw
Topic: 29459 Message: 29463

Hello Pete.

I had the same problem with my FT897D. Noise appeared on all bands with or without antennas connected. Seems that the problem is caused by one or more ceramic filters on Rx (probably ceramic filter CF1005 - see the service manual). I sent it back to the dealer.

Good luck

Cosmin - YO5ORW

29464. Re: Question regarding current consumption

Yahoo group: FT897 (2010)
Date: 2010-03-21 05:54:05 UTC
From: yo5orw
Topic: 29430 Message: 29464

Thank you all for the answers/advices.
Since it's safer, I will connect it directly to the battery using the same wire size as the rig's. With the cigarette plug it's easier to install/uninstall. For safety reasons I'll add a switch on the wires.
I'll keep the engine on when running full power hehe
Thanks

Cosmin - YO5ORW

29465. FT897 Key Clicks

Yahoo group: FT897 (2010)
Date: 2010-03-21 14:31:10 UTC
From: g4fal
Topic: 29465 Message: 29465

Hi

My FT897 (not D) is generating bad key clicks on cw. These have been commented on by other stations. They are probably worse than FT1000MP clicks.

Does anyone else have this problem and if so is there a published mod to fix it? I can't find anything through the search engines.

Of course is may be that the radio has developed a fault. Has anyone experienced this?

73 Nick

29466. Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-21 21:33:10 UTC
From: KB3CVS (Tom)
Topic: 29466 Message: 29466

I found my MEM/VFO CH Knob on the floor next to my radio and it looked like the tabs on the knob were broken.

Has anyone had to replace any of their knobs before? And if you did, does anyone know where replacement knobs can be purchased?

Thanks!

73,
KB3CVS

[Non-text portions of this message have been removed]

29467. F/S: LDG AT-897 ATU (not Plus)

Yahoo group: FT897 (2010)
Date: 2010-03-22 00:14:25 UTC
From: w6ur
Topic: 29467 Message: 29467

Perfect condition includes all cables, box etc. that comes new. Only reason for selling is I need a non dedicated tuner for separate radios. $145.00 del CONUS. Postal money order only. If interested please contact me off line. w6ur@...

29468. RE: [FT897] Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-22 00:27:22 UTC
From: eric@van-de-weyer.org
Topic: 29466 Message: 29468

How about from Yaesu (Vertex Standard)? You can get the part number(s) you require from the technical supplement/Technical manual.

There has been previous discussion about that knop on this board and apparently they can get broken off relatively easily with a hard knock so check that the shaft is still intact and not broken off.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "KB3CVS (Tom)" <kb3cvs@...>
>Date: Sun, 21 Mar 2010 17:33:10 -0400
>Subject: [FT897] Replacement knobs
>Reply-To: FT897@yahoogroups.com
>
>
>I found my MEM/VFO CH Knob on the floor next to my radio and it looked
>like the tabs on the knob were broken.
>
>Has anyone had to replace any of their knobs before? And if you did,
>does anyone know where replacement knobs can be purchased?
>
>Thanks!
>
>73,
>KB3CVS
>
>
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>Yahoo! Groups Links
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29469. Re: Main Dial issue

Yahoo group: FT897 (2010)
Date: 2010-03-22 12:20:38 UTC
From: Steve Yates
Topic: 29442 Message: 29469

I haven't had to change the optical shaft encoder on my FT-897D yet but I did on a Ten-Tec Argonaut V. It was soldered in but it was like working on a washing machine. Today's rigs are mostly empty space so it might be worth looking into doing it yourself. Just be sure to use electrostatic discharge precautions whenever you pop the lid open.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:

> You might want to check with Yaesu, it's possible that
> the optical encoder ass'y. is a plug in module that you
> could change out yourself.

29470. Re: FT897 Key Clicks

Yahoo group: FT897 (2010)
Date: 2010-03-22 12:27:12 UTC
From: Steve Yates
Topic: 29465 Message: 29470

Hi Nick,

No, I haven't detected this problem with my FT-897D. I'll be curious as to what you find out. How did you monitor your rig to hear the key clicks? As you probably already know, make sure the noise blanker is off on the monitor receiver before checking for key clicks otherwise it will create clicks for you if the signal is strong enough.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "g4fal" <g4fal@...> wrote:
>
> Hi
>
> My FT897 (not D) is generating bad key clicks on cw. These have been commented on by other stations. They are probably worse than FT1000MP clicks.
>
> Does anyone else have this problem and if so is there a published mod to fix it? I can't find anything through the search engines.
>
> Of course is may be that the radio has developed a fault. Has anyone experienced this?
>
> 73 Nick
>

29471. Re: FT897 Key Clicks

Yahoo group: FT897 (2010)
Date: 2010-03-22 12:52:08 UTC
From: g4fal
Topic: 29465 Message: 29471

I monitored the radio on a TS570 whilst at VP2MCC and then repeated with an FT2000 at home. Both had no problem picking up the clicks with no aerial connected.

73 Nick G4FAL

29472. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-03-22 15:03:58 UTC
From: Steve Yates
Topic: 29459 Message: 29472

Pete,

What is the noise with the receiver terminated with a 50 Ohm dummy load? The noise could be coming from a switching power supply if you are using one. All bets are off if the receiver antenna connector is left open. Without more information your FT-897D noise does sound unusual.

73,
Steve - AA5TB

29473. Unwell FT-897D

Yahoo group: FT897 (2010)
Date: 2010-03-21 17:30:44 UTC
From: agentdurden2002
Topic: 29473 Message: 29473

Hello everyone,

I have an FT-897D that's got memory retention issues.

When first powered on it displays:

MTQMB PKT 0.00

By pressing V/M it will change to:

M-001 LSB 7.000.00

If I rotate the main dial it changes to MTUNE and the frequency changes.
If I return to the M-0001 LSB 7.000.00 screen by pressing V/M and then rotate the MEM/VFO CH knob the radio freezes. The little running man stops running and all front panel buttons cease to function.
Power off can only be achieved by removing power.

Add the to above that the voltage display display 0.0v and although can be changed using Menu 017, its setting along with all other settings is lost once power is removed.

Any clues as to why this is happening?

29474. RE: [FT897] Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-22 18:49:33 UTC
From: mike white
Topic: 29466 Message: 29474

i called yaesu for a set of knobs thats the best place to find them sorry thats the only place i know of mike kc8lum

--- On Sun, 3/21/10, eric@... <eric@...> wrote:

From: eric@... <eric@...>
Subject: RE: [FT897] Replacement knobs
To: FT897@yahoogroups.com
Date: Sunday, March 21, 2010, 8:27 PM

How about from Yaesu (Vertex Standard)? You can get the part number(s) you require from the technical supplement/Technica l manual.

There has been previous discussion about that knop on this board and apparently they can get broken off relatively easily with a hard knock so check that the shaft is still intact and not broken off.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups. com
>From: "KB3CVS (Tom)" <kb3cvs@verizon. net>
>Date: Sun, 21 Mar 2010 17:33:10 -0400
>Subject: [FT897] Replacement knobs
>Reply-To: FT897@yahoogroups. com
>
>
>I found my MEM/VFO CH Knob on the floor next to my radio and it looked
>like the tabs on the knob were broken.
>
>Has anyone had to replace any of their knobs before? And if you did,
>does anyone know where replacement knobs can be purchased?
>
>Thanks!
>
>73,
>KB3CVS
>
>
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29475. cw filter

Yahoo group: FT897 (2010)
Date: 2010-03-23 14:58:56 UTC
From: Iain
Topic: 7593 Message: 29475

Hi All

I have the CW DSP CW peaking filter set at 60Hz bandwidth.

What is the advantage (if any) of the Optional YF-122C 500Hz filter ??

Thanks in anticipation

Iain G4DPF

[Non-text portions of this message have been removed]

29476. Re: cw filter

Yahoo group: FT897 (2010)
Date: 2010-03-23 16:38:17 UTC
From: Steve Yates
Topic: 7593 Message: 29476

Hi Iain,

With only the DSP filter, strong signals outside the DSP filter's band width but inside the IF filter's band width will "pump" the AGC causing the signal you are listening to be modulated by the interfering signal (even though you don't hear it). This can be corrected somewhat by turning back the RF Gain (raising the AGC voltage) and compensating by turning up the AF Gain. This technique works well with only the DSP filter and restores the original dynamic range of the signal. It only needs to be turned back to the point where the S-meter doesn't fluctuate with the interfering signal.

With a narrow IF filter you won't have this problem but there is a bit a phase delay through the mechanical filter. This causes the AGC to react more slower and can cause a slight pop at the beginning of a CW signal. In most cases you won't notice the effect.

In short you can get by pretty well without the narrow IF filter if you ride the RF Gain control but I think the filter in general is worth the expense if you are a serious CW operator.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Iain" <iain@...> wrote:
>
> Hi All
>
> I have the CW DSP CW peaking filter set at 60Hz bandwidth.
>
> What is the advantage (if any) of the Optional YF-122C 500Hz filter ??
>
> Thanks in anticipation
>
> Iain G4DPF

29477. Re: [FT897] cw filter

Yahoo group: FT897 (2010)
Date: 2010-03-23 16:47:00 UTC
From: Carl Wulfestieg
Topic: 7593 Message: 29477

Iain-

Filters

The question really is "what do they do", and do you NEED what they do. The filters provide a narrower receiving bandwidth. You may be trying to receive a weak signal. If there is a strong signal close to the weak signal, then the strong signal will cause attenuation of both signals, and it will be hard to hear the weak signal. If you have a narrower receiving bandwidth because you are using a filter, you can tune in the weaker signal and the stronger signal will be "outside" of the bandwidth, so the weak signal won't be attenuated and it will be easier to hear it. That's basically what they are used for. If you're not into SSB, you don't need the SSB filter. If you're not into CW, you don't need the CW filter. Also, rather than Yaesu as a source, you may want to consider the following because of more favorable pricing and better operation. Inrad is OK also but I am not familiar with them. I am familiar with the following.

Go to W4RT: http://www.w4wb.com/

I suppose a 2000Hz filter could be better, but I'm not into SSB.
For SSB you need 2300Hz OPF-Y-SSB ($134)
Useful for filtering out strong signals adjacent to the signal you want to hear. Stops the strong signal from causing the attenuation of the weaker signal that you want to hear.

For CW you need 500Hz OPF-Y-CW-500 ($114)
OR 300Hz OPF-Y-CW-300 ($119)
Useful for filtering out strong signals adjacent to the signal you want to hear. Stops the strong signal from causing the attenuation of the weaker signal that you want to hear. The 300Hz filter is just a narrower bandwidth. Some people don't care for the 300Hz filter because they say it "rings" more than the 500Hz filter. People who are into contests sometimes prefer the 300Hz filter. Even though they are for "CW", they could be used for PSK also.

Next, the LDG FT-Meter

Also, at W4RT, check out the FT-Meter. I have one and it's the best $45 I ever spent. (radio wise)
It is back-lit illuminated with an external Power Module that doesn't come with it (I use a Wall Wart - 12VDC output). It plugs into the jack on the bottom of the FT-897/D, 2.5" from the right edge, near the front. You set what you want the meter to read by using Menu 60 (for when receiving) and Menu 61 (for when transmitting).

Finally

If you're into CW, check out the Straight Key Century Club (SKCC) (no dues yet)
http://www.skccgroup.com

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

29478. Re: [FT-1000MP] REPAIRS?

Yahoo group: FT897 (2010)
Date: 2010-03-23 17:21:56 UTC
From: kc3vo@aol.com
Topic: 29478 Message: 29478

When troubleshooting, remember to: A:-Correctly diagnose the problem, and find all the bad parts, B:-Investigate possible CAUSES of the failure, C:-Correct or remove the cause of failure, D:-Properly remove and replace parts as needed, E:-Perform test and alignment as required, to assure proper operation and longevity of repairs. If these steps are followed, Repairing your equipment is more likely to give good results, and avoid wasting money repeating the repair, or purchasing un-needed parts.--73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

29479. Re: [FT897] cw filter

Yahoo group: FT897 (2010)
Date: 2010-03-23 16:26:49 UTC
From: Finnigann
Topic: 7593 Message: 29479

On Tue, 23 Mar 2010 13:47:00 -0300, Carl Wulfestieg <ag4ls@...>
wrote:

>
> Iain-

> Filters

> The question really is "what do they do", and do you NEED what they do.
> The filters provide a narrower receiving bandwidth. You may be trying to
> receive a weak signal. If there is a strong signal close to the weak
> signal, then the strong signal will cause attenuation of both signals,
> and it will be hard to hear the weak signal. If you have a narrower
> receiving bandwidth because you are using a filter, you can tune in the
> weaker signal and the stronger signal will be "outside" of the
> bandwidth, so the weak signal won't be attenuated and it will be easier
> to hear it. That's basically what they are used for. If you're not into
> SSB, you don't need the SSB filter. If you're not into CW, you don't
> need the CW filter.

Does 'SSB' and 'CW' specify anything other than filter size? Or does it
mean to be used on SSB and CW exclusively?

>

> Go to W4RT: http://www.w4wb.com/

> I suppose a 2000Hz filter could be better, but I'm not into SSB.
> For SSB you need 2300Hz OPF-Y-SSB ($134)Useful for filtering out strong
> signals adjacent to the signal you want to hear. Stops the strong signal
> from causing the attenuation of the weaker signal that you want to hear.

> For CW you need 500Hz OPF-Y-CW-500 ($114)OR 300Hz OPF-Y-CW-300 ($119)
> Useful for filtering out strong signals adjacent to the signal you want
> to hear. Stops the strong signal from causing the attenuation of the
> weaker signal that you want to hear. The 300Hz filter is just a narrower
> bandwidth. Some people don't care for the 300Hz filter because they say
> it "rings" more than the 500Hz filter. People who are into contests
> sometimes prefer the 300Hz filter. Even though they are for "CW", they
> could be used for PSK also.

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29480. RE: [FT897] cw filter

Yahoo group: FT897 (2010)
Date: 2010-03-23 21:15:08 UTC
From: Dennis
Topic: 7593 Message: 29480

Only - respectively.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Tuesday, March 23, 2010 11:27 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] cw filter

On Tue, 23 Mar 2010 13:47:00 -0300, Carl Wulfestieg <ag4ls@comcast.
<mailto:ag4ls%40comcast.net> net>
wrote:

>
> Iain-

> Filters

> The question really is "what do they do", and do you NEED what they do.
> The filters provide a narrower receiving bandwidth. You may be trying to
> receive a weak signal. If there is a strong signal close to the weak
> signal, then the strong signal will cause attenuation of both signals,
> and it will be hard to hear the weak signal. If you have a narrower
> receiving bandwidth because you are using a filter, you can tune in the
> weaker signal and the stronger signal will be "outside" of the
> bandwidth, so the weak signal won't be attenuated and it will be easier
> to hear it. That's basically what they are used for. If you're not into
> SSB, you don't need the SSB filter. If you're not into CW, you don't
> need the CW filter.

Does 'SSB' and 'CW' specify anything other than filter size? Or does it mean to be used on SSB and CW exclusively?

>

> Go to W4RT: http://www.w4wb. <http://www.w4wb.com/> com/

> I suppose a 2000Hz filter could be better, but I'm not into SSB.
> For SSB you need 2300Hz OPF-Y-SSB ($134)Useful for filtering out strong
> signals adjacent to the signal you want to hear. Stops the strong signal
> from causing the attenuation of the weaker signal that you want to hear.

> For CW you need 500Hz OPF-Y-CW-500 ($114)OR 300Hz OPF-Y-CW-300 ($119)
> Useful for filtering out strong signals adjacent to the signal you want
> to hear. Stops the strong signal from causing the attenuation of the
> weaker signal that you want to hear. The 300Hz filter is just a narrower

> bandwidth. Some people don't care for the 300Hz filter because they say
> it "rings" more than the 500Hz filter. People who are into contests
> sometimes prefer the 300Hz filter. Even though they are for "CW", they
> could be used for PSK also.

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl. <HTTP://www.tinyurl.com/bcarc12> com/bcarc12

http://my.opera. <http://my.opera.com/Finnigann/blog> com/Finnigann/blog

http://community. <http://community.webshots.com/user/finnigann>
webshots.com/user/finnigann

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29481. Re: Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-23 17:33:47 UTC
From: radiobuff777
Topic: 29466 Message: 29481

Similar situation happened with my FT8800. The knobs are very flimsy, actually, the brass stem attached to the potentiometer is the culprit. Anyway, I ordered new pots and knobs (although it later occurred to me that I didn't need the plastic knobs, they were still good, but I didn't think when I ordered the. It's OK, I have extras now in case I lose one).

My son knocked the radio off the shelf and it landed on its face, damaging both knobs. I still haven't gotten around to repairing it yet, but I ordered directly through Yaesu. Once you get the right person on the phone, they are very hlpful. Good luck.

KC2DAQ

--- In FT897@yahoogroups.com, "KB3CVS (Tom)" <kb3cvs@...> wrote:
>
> I found my MEM/VFO CH Knob on the floor next to my radio and it looked
> like the tabs on the knob were broken.
>
> Has anyone had to replace any of their knobs before? And if you did,
> does anyone know where replacement knobs can be purchased?
>
> Thanks!
>
> 73,
> KB3CVS
>
>
> [Non-text portions of this message have been removed]
>

29482. DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 00:42:07 UTC
From: Hank
Topic: 29482 Message: 29482

I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones into my rig so that I can connect to echolink repeaters? I'm not going to replace the desk mic with the dtmf hand mic just for the tones. Is there an external dtmf device that can be used? Thanks in advance for any help that you can provide.

Hank / KB4MTO

29483. RE: [FT897] DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 01:10:32 UTC
From: Dennis
Topic: 29482 Message: 29483

Don't think you need DTMF for Echolinked repeaters. I KNOW you do for IRLP repeaters.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
Sent: Tuesday, March 23, 2010 7:42 PM
To: FT897@yahoogroups.com
Subject: [FT897] DTMF for echolink

I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones into my rig so that I can connect to echolink repeaters? I'm not going to replace the desk mic with the dtmf hand mic just for the tones. Is there an external dtmf device that can be used? Thanks in advance for any help that you can provide.

Hank / KB4MTO

[Non-text portions of this message have been removed]

29484. Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 01:16:51 UTC
From: Hank
Topic: 29482 Message: 29484

From what I was recently told, I can access the local echolink repeaters and connect to other echolink repeaters with dtmf tones. Using the mobile dtmf hand mic is how most people do it, but I am using the MD-100 desk mic. I have the dtmf tones for both the local repeater and the remote repeater I want to conenct to.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Don't think you need DTMF for Echolinked repeaters. I KNOW you do for IRLP
> repeaters.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
> Sent: Tuesday, March 23, 2010 7:42 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] DTMF for echolink
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> I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones
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> replace the desk mic with the dtmf hand mic just for the tones. Is there an
> external dtmf device that can be used? Thanks in advance for any help that
> you can provide.
>
> Hank / KB4MTO
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29485. Re: [FT897] DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 01:25:39 UTC
From: DALE
Topic: 29482 Message: 29485

----- Original Message -----
From: "Hank" <hank@...>
To: FT897@yahoogroups.com
Sent: Tuesday, March 23, 2010 5:42:07 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] DTMF for echolink

I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones into my rig so that I can connect to echolink repeaters? I'm not going to replace the desk mic with the dtmf hand mic just for the tones. Is there an external dtmf device that can be used? Thanks in advance for any help that you can provide.

Hank / KB4MTO

If you are ins your shack and have a computer, why not just use the computer for echolink.

It is easier and works better.

IRLP wants you to go from RF to IRLP to RF but Echolink does not.

Works very well computer to computer. Every thing is done with the mouse .

Dale

[Non-text portions of this message have been removed]

29486. Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 01:46:44 UTC
From: Hank
Topic: 29482 Message: 29486

I do use keyboard to keyboard. I also use a headset with the echolink software and have fun with it as well. I am now wanting to take it to the next step and connect to the local repeater with RF and hop around.

I am looking at the Pipo dtmf encoders, but have no idea how to integrate one into the 897. Anyone have any ideas?

Hank / KB4MTO

--- In FT897@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
>
> If you are ins your shack and have a computer, why not just use the computer for echolink.
>
> It is easier and works better.
>
> IRLP wants you to go from RF to IRLP to RF but Echolink does not.
>
> Works very well computer to computer. Every thing is done with the mouse .
>
> Dale
>
>
>
> [Non-text portions of this message have been removed]
>

29487. Re: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 03:15:30 UTC
From: DALE
Topic: 29482 Message: 29487

Get the Yaesu or Vertex tt mike. MH-36E8J or MH-59A8J remote mike.
Plug it in and use it.
The Pipo is going to be a big hassle hooking it up.
I use the remote mike. Lets you do a lot of other fun things.
Dale

----- Original Message -----
From: "Hank" <hank@...>
To: FT897@yahoogroups.com
Sent: Tuesday, March 23, 2010 6:46:44 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: DTMF for echolink

I do use keyboard to keyboard. I also use a headset with the echolink software and have fun with it as well. I am now wanting to take it to the next step and connect to the local repeater with RF and hop around.

I am looking at the Pipo dtmf encoders, but have no idea how to integrate one into the 897. Anyone have any ideas?

Hank / KB4MTO

'---

[Non-text portions of this message have been removed]

29488. Kantronics Packet Communicator 3 Plus

Yahoo group: FT897 (2010)
Date: 2010-03-24 04:12:39 UTC
From: larryhornerjr
Topic: 29488 Message: 29488

Is there a cable for sale that connects a Kantronics Packet Communicator 3 Plus to the FT-897?

29489. Re: [FT897] Kantronics Packet Communicator 3 Plus

Yahoo group: FT897 (2010)
Date: 2010-03-24 09:56:16 UTC
From: josedouglas@yahoo.com
Topic: 29488 Message: 29489

Larry,

Yes there is, I bought mine from buxxcomm.com out of Virginia.
I have the part number up in the shack, I can get it for you if you want.
It was about $20 plus shipping.

Also, if I recall correctly, I had to change the "CD" command on the tnc from "internal" to "software"
for it to work correctly.
I don't have the FT-897 currently set up for packet though, as I'm using a Kenwood TC-271 for that purpose.

Cheers,

Jose Douglas
KB1TCD

From: larryhornerjr <larryhornerjr@yahoo.com>
To: FT897@yahoogroups.com
Sent: Wed, March 24, 2010 12:12:39 AM
Subject: [FT897] Kantronics Packet Communicator 3 Plus

Is there a cable for sale that connects a Kantronics Packet Communicator 3 Plus to the FT-897?

[Non-text portions of this message have been removed]

29490. Re: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 15:08:18 UTC
From: P Grant
Topic: 29482 Message: 29490

Hello Hank,

I also have tried echolink 0n my FT897, with the fist mike and the MD100,, It is no problem to set up the required CTCSS, for each repeater, and save in memory,,,, but as you say, I also had a problem with the DTMF tone on transmit to access,,, What I was recomended was to insert the tone , by holding the DTMF "key pad" to the front of the mike, and pressing the buttons as required.

As I was only testing out our new echolink facility it was no bother for test purposes,,, but I am investigating opening the DTMF kepad, and making a hard wired cnnection to the mike audio,which will allow me key the mike, and key the tones without the hassel of holding the tone pad [digital dialer] up to the mike.

Have'nt tried it yet but should be simple enough. I played around with constructing a pcb for generating tones,,, but not worth the hassle,,, the digital dialer pad was $10 [euro] and I will try to link it into the mike audio.

Hope you can find a fix soon.

BR Peter EI4HX ei4hxperimental@...

----- Original Message -----
From: Hank
To: FT897@yahoogroups.com
Sent: Wednesday, March 24, 2010 1:16 AM
Subject: [FT897] Re: DTMF for echolink

From what I was recently told, I can access the local echolink repeaters and connect to other echolink repeaters with dtmf tones. Using the mobile dtmf hand mic is how most people do it, but I am using the MD-100 desk mic. I have the dtmf tones for both the local repeater and the remote repeater I want to conenct to.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Don't think you need DTMF for Echolinked repeaters. I KNOW you do for IRLP
> repeaters.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----

> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
> Sent: Tuesday, March 23, 2010 7:42 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] DTMF for echolink
>
>
>
>
>
> I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones
> into my rig so that I can connect to echolink repeaters? I'm not going to
> replace the desk mic with the dtmf hand mic just for the tones. Is there an
> external dtmf device that can be used? Thanks in advance for any help that
> you can provide.
>
> Hank / KB4MTO
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29491. Heil boom mic and headset

Yahoo group: FT897 (2010)
Date: 2010-03-24 20:29:14 UTC
From: Danny Loyd
Topic: 29491 Message: 29491

Hello everyone,

I am looking at getting either the Heil HC-BM-10-4 (i believe those are the numbers) or the 10-5 for use on my 897D. Has anyone had any experience with either of these headsets? Also planning on getting the foot switch.

Thanks for any advise on this. I know it has probably been discussed before but want fresh ideas.

KE5WDI
Danny Loyd

29492. RE: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 23:35:20 UTC
From: Hank Lambert
Topic: 29482 Message: 29492

Thanks. I am going to look into making a DTMF pad for the 897. Getting a DTMF pad isn't a problem, I just have to figure out how to create an interface so as not to damage anything.

Hank / KB4MTO

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of P Grant
Sent: Wednesday, March 24, 2010 11:08 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: DTMF for echolink

Hello Hank,

I also have tried echolink 0n my FT897, with the fist mike and the MD100,, It is no problem to set up the required CTCSS, for each repeater, and save in memory,,,, but as you say, I also had a problem with the DTMF tone on transmit to access,,, What I was recomended was to insert the tone , by holding the DTMF "key pad" to the front of the mike, and pressing the buttons as required.

As I was only testing out our new echolink facility it was no bother for test purposes,,, but I am investigating opening the DTMF kepad, and making a hard wired cnnection to the mike audio,which will allow me key the mike, and key the tones without the hassel of holding the tone pad [digital dialer] up to the mike.

Have'nt tried it yet but should be simple enough. I played around with constructing a pcb for generating tones,,, but not worth the hassle,,, the digital dialer pad was $10 [euro] and I will try to link it into the mike audio.

Hope you can find a fix soon.

BR Peter EI4HX ei4hxperimental@...
<mailto:ei4hxperimental%40eircom.net>

----- Original Message -----
From: Hank
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Wednesday, March 24, 2010 1:16 AM
Subject: [FT897] Re: DTMF for echolink

From what I was recently told, I can access the local echolink repeaters and connect to other echolink repeaters with dtmf tones. Using the mobile dtmf hand mic is how most people do it, but I am using the MD-100 desk mic. I

have the dtmf tones for both the local repeater and the remote repeater I
want to conenct to.

Hank / KB4MTO

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dennis"
<n8bmb1@...> wrote:
>
> Don't think you need DTMF for Echolinked repeaters. I KNOW you do for IRLP
> repeaters.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of Hank
> Sent: Tuesday, March 23, 2010 7:42 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] DTMF for echolink
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> I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones
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an
> external dtmf device that can be used? Thanks in advance for any help that
> you can provide.
>
> Hank / KB4MTO
>
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29493. RE: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-24 23:56:56 UTC
From: eric@van-de-weyer.org
Topic: 29482 Message: 29493

Hi Hank,

if you are using a standard DTMF pad, check out the specs of the chip in it. Most of them have the facility to be able to have it key something when you press a button, all you have to do is make up the interface. I did this in my car where i have a fixed, boom bicrophone (Icom HS15 from memory) and have the output from the DTMF mixed woth the microphone input. I can then select to have the DTMF pad also trigger the PTT if I want (for other control functions) of for it to be operated from the normal PTT for when using Echolink or IRLP.

There are also other alternatives such as DTMF generator programs which you can download and then use your computer to generate the tones.

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Hank Lambert" <hank@...>
>Date: Wed, 24 Mar 2010 19:35:20 -0400
>Subject: RE: [FT897] Re: DTMF for echolink
>Reply-To: FT897@yahoogroups.com
>
>
>Thanks. I am going to look into making a DTMF pad for the 897. Getting a
>DTMF pad isn't a problem, I just have to figure out how to create an
>interface so as not to damage anything.
>
>
>
>Hank / KB4MTO
>
>
>
>
>
>From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
P
>Grant
>Sent: Wednesday, March 24, 2010 11:08 AM
>To: FT897@yahoogroups.com
>Subject: Re: [FT897] Re: DTMF for echolink
>
>
>
>

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>Hello Hank,
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>I also have tried echolink 0n my FT897, with the fist mike and the MD100,,
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>up to the mike.
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>Have'nt tried it yet but should be simple enough. I played around with
>constructing a pcb for generating tones,,, but not worth the hassle,,, the
>digital dialer pad was $10 [euro] and I will try to link it into the mike
>audio.
>
>Hope you can find a fix soon.
>
>BR Peter EI4HX ei4hxperimental@...
><mailto:ei4hxperimental%40eircom.net>
>
>_____
>----- Original Message -----
>From: Hank
>To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>Sent: Wednesday, March 24, 2010 1:16 AM
>Subject: [FT897] Re: DTMF for echolink
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>From what I was recently told, I can access the local echolink repeaters
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I
>want to conenct to.
>
>Hank / KB4MTO
>
>--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dennis"
><n8bmb1@...> wrote:
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>> Don't think you need DTMF for Echolinked repeaters. I KNOW you do for

IRLP
>> repeaters.
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>>
>> Dennis - N8BMB
>>
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>> -----Original Message-----
>> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
>Of Hank
>> Sent: Tuesday, March 23, 2010 7:42 PM
>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>> Subject: [FT897] DTMF for echolink
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>> Hank / KB4MTO
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>Yahoo! Groups Links
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29494. Telix Air 3000

Yahoo group: FT897 (2010)
Date: 2010-03-25 01:29:59 UTC
From: KJ4SLN Allen
Topic: 29494 Message: 29494

My 2010 897d has a catfive phone jack for the REM mic I'm using. I would like to use the Telix Air 3000... the audio 1/4 inch plugs right in and sounds great. Now how to I get the mic connected? I'm going to use the VOX so I don't need a transmit button. Do they/someone make a patch box/cord ?
Allen

29495. Re: [FT897] Telix Air 3000

Yahoo group: FT897 (2010)
Date: 2010-03-25 03:14:56 UTC
From: DALE
Topic: 29494 Message: 29495

Check April 2010 QST magazine.
dale

----- Original Message -----
From: "KJ4SLN Allen" <kj4sln@...>
To: FT897@yahoogroups.com
Sent: Wednesday, March 24, 2010 6:29:59 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Telix Air 3000

My 2010 897d has a catfive phone jack for the REM mic I'm using. I would like to use the Telix Air 3000... the audio 1/4 inch plugs right in and sounds great. Now how to I get the mic connected? I'm going to use the VOX so I don't need a transmit button. Do they/someone make a patch box/cord ?
Allen

[Non-text portions of this message have been removed]

29496. Re: Heil boom mic and headset

Yahoo group: FT897 (2010)
Date: 2010-03-25 10:06:25 UTC
From: nr3r15
Topic: 29491 Message: 29496

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Hello everyone,
>
> I am looking at getting either the Heil HC-BM-10-4

Danny,
I have many products from Heil. I do not have the BM's but I do use the Traveler headset and the Proset Plus with my 897/817 and even my VX7 HT. (I also have some hand michs) I have both the foot switch and hand PTT. I can tell you that all work very very well and I do get nice reports on both signal and audio. I will never go back to the stock mic. Also if needed, the support is top notch. Just a phone call. You won't go wrong, believe me.

Larry / nr3r

29497. Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-25 12:12:07 UTC
From: webfootwandere
Topic: 29482 Message: 29497

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
Is there an external dtmf device that can be used? >
> Hank / KB4MTO

Years ago my employer recommended all international travelers carry a little device known as a Pocket Tone Dialer to make international calling easier. These handy little devices used standard DTMF tones and had memories that stored strings. You held the dialer against the phone and hit the appropriate memory button. If I remember right, I think you could store a string of > 24 digits and it had about 30 memories.

This could be a quick easy solution to your problem. Mine was a Radio Shack - about $10-15 I think. Google Pocket Tone Dialer. 73,

Rick - N7WE

29498. Re: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-25 12:14:43 UTC
From: Richard Corfield
Topic: 29482 Message: 29498

The technique I've used is to use my sound card interface to have the computer do the dialling. It's a little heavyweight if you don't already have a computer and a sound card interface though.

- Richard

On 25 March 2010 12:12, webfootwandere <n7we@...> wrote:

>
>
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Hank" <hank@...>
> wrote:
> >
> Is there an external dtmf device that can be used? >
> > Hank / KB4MTO
>
> Years ago my employer recommended all international travelers carry a
> little device known as a Pocket Tone Dialer to make international calling
> easier. These handy little devices used standard DTMF tones and had memories
> that stored strings. You held the dialer against the phone and hit the
> appropriate memory button. If I remember right, I think you could store a
> string of > 24 digits and it had about 30 memories.
>
> This could be a quick easy solution to your problem. Mine was a Radio Shack
> - about $10-15 I think. Google Pocket Tone Dialer. 73,
>
> Rick - N7WE
>
>
>

[Non-text portions of this message have been removed]

29499. FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-25 14:07:52 UTC
From: vanzwetselaar
Topic: 29499 Message: 29499

Dear OM's

I am not sure if anyone else came with this problem but I can't get a frequency reading or change in MIXW2 or Hamradio de Luxe.

I am using the SB2000 from cgantenna as interface. The connections are made with the cableset which was supplied with the SB2000 and FT-897. CAT (via AT-897), DATA and PTT to the FT-897, audio in and out to the laptop.

Receiving works, I can read CW or PSK etc but no frequency reaction in both programs. Superbrowser works in Hamradio.

Menu 19 = 9600Baud and so are the programs settings
Menu 20 = Off
Menu 85 = CAT

Is there more to set in the menu's? Anyone who solved this problem?

Thanks!

Ad van Zwetselaar PA2Z

29500. Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-25 14:32:33 UTC
From: John
Topic: 29499 Message: 29500

Dear Ad Van

Is menu 38 on PSK31-U
also select Digi mode
John GM3ZXG
----- Original Message -----
From: vanzwetselaar
To: FT897@yahoogroups.com
Sent: Thursday, March 25, 2010 2:07 PM
Subject: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Dear OM's

I am not sure if anyone else came with this problem but I can't get a frequency reading or change in MIXW2 or Hamradio de Luxe.

I am using the SB2000 from cgantenna as interface. The connections are made with the cableset which was supplied with the SB2000 and FT-897. CAT (via AT-897), DATA and PTT to the FT-897, audio in and out to the laptop.

Receiving works, I can read CW or PSK etc but no frequency reaction in both programs. Superbrowser works in Hamradio.

Menu 19 = 9600Baud and so are the programs settings
Menu 20 = Off
Menu 85 = CAT

Is there more to set in the menu's? Anyone who solved this problem?

Thanks!

Ad van Zwetselaar PA2Z

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.791 / Virus Database: 271.1.1/2767 - Release Date: 03/24/10 07:33:00

[Non-text portions of this message have been removed]

29501. Re: [FT897] Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-25 14:46:16 UTC
From: Gary Altig
Topic: 29482 Message: 29501

DE N7UVL,
I've used one of those in the past also.
-It was capable of setting delay between each tone
which was necessary for systems that could not respond
as fast as it could "dial"./ga

----- Original Message -----
From: webfootwandere<mailto:n7we@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, March 25, 2010 5:12 AM
Subject: [FT897] Re: DTMF for echolink

--- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Hank" <hank@...> wrote:
>
Is there an external dtmf device that can be used? >
> Hank / KB4MTO

Years ago my employer recommended all international travelers carry a little device known as a Pocket Tone Dialer to make international calling easier. These handy little devices used standard DTMF tones and had memories that stored strings. You held the dialer against the phone and hit the appropriate memory button. If I remember right, I think you could store a string of > 24 digits and it had about 30 memories.

This could be a quick easy solution to your problem. Mine was a Radio Shack - about $10-15 I think. Google Pocket Tone Dialer. 73,

Rick - N7WE

[Non-text portions of this message have been removed]

29502. Re: FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-25 18:15:17 UTC
From: Jeff
Topic: 29499 Message: 29502

Try removing the AT-897 from the equation. Plug the CAT control cable from your interface directly into the CAT port on the radio. If it works, then it's something in the AT-897 that's preventing it from working.

I have an older, first-generation AT-897 and it only intermittently passes-through CAT commands as it is supposed to. I believe a firmware upgrade (new main logic IC) to the tuner may have addressed this issue, but my unit is so old that it's not upgradeable.

73

K8YSV

--- In FT897@yahoogroups.com, "vanzwetselaar" <avzwetselaar@...> wrote:
>
> Dear OM's
>
> I am not sure if anyone else came with this problem but I can't get a frequency reading or change in MIXW2 or Hamradio de Luxe.
>
> I am using the SB2000 from cgantenna as interface. The connections are made with the cableset which was supplied with the SB2000 and FT-897. CAT (via AT-897), DATA and PTT to the FT-897, audio in and out to the laptop.
>
> Receiving works, I can read CW or PSK etc but no frequency reaction in both programs. Superbrowser works in Hamradio.
>
> Menu 19 = 9600Baud and so are the programs settings
> Menu 20 = Off
> Menu 85 = CAT
>
> Is there more to set in the menu's? Anyone who solved this problem?
>
> Thanks!
>
> Ad van Zwetselaar PA2Z
>

29503. Re: [FT897] Re: Heil boom mic and headset

Yahoo group: FT897 (2010)
Date: 2010-03-26 14:31:19 UTC
From: Danny Loyd
Topic: 29491 Message: 29503

I went ahead and order the Pro Set 5 last night after ready many good reviews. I got the hand switch because I didn't want to have a senior moment and forget to remove my foot from the switch.

Danny
KE5WDI

_____
From: nr3r15 <nr3r15@...>
To: FT897@...m
Sent: Thu, March 25, 2010 5:06:25 AM
Subject: [FT897] Re: Heil boom mic and headset

--- In FT897@yahoogroups. com, Danny Loyd <ke5wdi@...> wrote:
>
> Hello everyone,
>
> I am looking at getting either the Heil HC-BM-10-4

Danny,
I have many products from Heil. I do not have the BM's but I do use the Traveler headset and the Proset Plus with my 897/817 and even my VX7 HT. (I also have some hand michs) I have both the foot switch and hand PTT. I can tell you that all work very very well and I do get nice reports on both signal and audio. I will never go back to the stock mic. Also if needed, the support is top notch. Just a phone call. You won't go wrong, believe me.

Larry / nr3r

[Non-text portions of this message have been removed]

29504. Re: [FT897] Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-26 20:19:38 UTC
From: KB3CVS (Tom)
Topic: 29466 Message: 29504

Yes, call me "educated" now - it wasn't the knob, it was the shaft, and
once I got my nice new replacement knobs I realized the issue immediately.

Anyone know how hard a repair it is to replace the pot?

How cheap can they get - I mean come on, a plastic shaft???

Wow!

-Tom-

On 3/21/2010 8:27 PM, eric@... wrote:
>
>
> How about from Yaesu (Vertex Standard)? You can get the part number(s) you
> require from the technical supplement/Technical manual.
>
> There has been previous discussion about that knop on this board and
> apparently
> they can get broken off relatively easily with a hard knock so check that
> the shaft is still intact and not broken off.
>
> 73....Eric VK2VE.
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >From: "KB3CVS (Tom)" <kb3cvs@... <mailto:kb3cvs%40verizon.net>>
> >Date: Sun, 21 Mar 2010 17:33:10 -0400
> >Subject: [FT897] Replacement knobs
> >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > >
> > >
> >I found my MEM/VFO CH Knob on the floor next to my radio and it looked
> >like the tabs on the knob were broken.
> > >
> >Has anyone had to replace any of their knobs before? And if you did,
> >does anyone know where replacement knobs can be purchased?
> > >
> >Thanks!
> > >
> >73,
> >KB3CVS
> > >
> > >
> >[Non-text portions of this message have been removed]
> > >

> >
> >
> >-----------------------------------
> >
> >Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

29505. Re: [FT897] mh59 microphone??

Yahoo group: FT897 (2010)
Date: 2010-03-26 22:26:17 UTC
From: 161rc021 Art
Topic: 29437 Message: 29505

Hello Bob,
i use mic MH-59 for controll my ft-897 and i find it as perfect tool ;)
by the way allways have very good audio reports.
i have 2 of this mic and both are taked in mint condition from radio friends.
I think... this is good choice.
rgds
Arthur SQ9MLL
Dnia 19 marca 2010 0:27 "Bob" <;n4zen@...> napisał(a):
I just received my 897d from Gigaparts and it is a great little radio. I am mainly going to use mine for 6 and 2 meters and as a back up to my FT950. I am using a Md100 on it right now and getting good audio reports. I thought about selling the md100 and buying the mh59 mainly for control on 2 meters. I've seen mixed reviews on this mike on HF. Has anyone used one on HF and do you think it is worth the money?
Thanks and 73's
Bobby N4ZEN

--
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

29506. RE: [FT897] Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-26 23:59:27 UTC
From: Eric van de Weyer
Topic: 29466 Message: 29506

Hi Tom,

Have you ever thought that it may be done that way for a reason?

Imagine that the same accident befell your radio and it had a metal shaft, the possibility is there that rather than just breaking off the shaft it actually bent and mangled things inside the radio. That could end up being a very costly repair instead of simply having to replace one pot or switch.

Remember that this radio is designed for portable use where it could quite easily sustain knocks and bumps. I think they did the right thing, whether it was planned that way or not.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of KB3CVS (Tom)
Sent: Saturday, 27 March 2010 07:20
To: FT897@yahoogroups.com
Subject: Re: [FT897] Replacement knobs

Yes, call me "educated" now - it wasn't the knob, it was the shaft, and once I got my nice new replacement knobs I realized the issue immediately.

Anyone know how hard a repair it is to replace the pot?

How cheap can they get - I mean come on, a plastic shaft???

Wow!

-Tom-

On 3/21/2010 8:27 PM, eric@... wrote:
>
>
> How about from Yaesu (Vertex Standard)? You can get the part number(s) you
> require from the technical supplement/Technical manual.
>
> There has been previous discussion about that knop on this board and
> apparently
> they can get broken off relatively easily with a hard knock so check that
> the shaft is still intact and not broken off.
>
> 73....Eric VK2VE.
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

> >From: "KB3CVS (Tom)" <kb3cvs@... <mailto:kb3cvs%40verizon.net>>
> >Date: Sun, 21 Mar 2010 17:33:10 -0400
> >Subject: [FT897] Replacement knobs
> >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >
> >
> >I found my MEM/VFO CH Knob on the floor next to my radio and it looked
> >like the tabs on the knob were broken.
> >
> >Has anyone had to replace any of their knobs before? And if you did,
> >does anyone know where replacement knobs can be purchased?
> >
> >Thanks!
> >
> >73,
> >KB3CVS
> >
> >
> >[Non-text portions of this message have been removed]
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> >
> >Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29507. pms scan selection

Yahoo group: FT897 (2010)
Date: 2010-03-25 11:31:15 UTC
From: Francis
Topic: 29507 Message: 29507

hello all
i have problem with scan band in pms mode.i put 5 pms limit bands but just pms1 is active.how change pms number for scan ?just pms1 is on screen i try to change to pms2 but i don't know how make this...help !!
thank you.

29508. Re: DTMF for echolink

Yahoo group: FT897 (2010)
Date: 2010-03-26 09:57:02 UTC
From: Dooley
Topic: 29482 Message: 29508

Hank,

I had the same dilema using the same setup you describe. What I did was download a freeware DTMF tone generator, and held the mic next to the speakers. It works and is free..

Good DX to ya!

Buck
YI9VDW

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I have the FT-897D with the MD-100A8X desk mic. How can I get DTMF tones into my rig so that I can connect to echolink repeaters? I'm not going to replace the desk mic with the dtmf hand mic just for the tones. Is there an external dtmf device that can be used? Thanks in advance for any help that you can provide.
>
> Hank / KB4MTO
>

29509. Re: FT897 Key Clicks

Yahoo group: FT897 (2010)
Date: 2010-03-25 01:27:00 UTC
From: agentdurden2002
Topic: 29465 Message: 29509

I've uploaded a file with details of a keyclick fix.

HTH

Stephen

29510. FNB-78 connector

Yahoo group: FT897 (2010)
Date: 2010-03-25 12:56:36 UTC
From: ec1cw
Topic: 18724 Message: 29510

Where can I buy an aftermarket connector to charge the original FNB-78 batteries with my own battery charger?

Do you know the reference for this connector?

Thanks,

Diego EC1CW

29511. Re: Kantronics Packet Communicator 3 Plus

Yahoo group: FT897 (2010)
Date: 2010-03-24 22:47:59 UTC
From: epiphone1001
Topic: 29488 Message: 29511

--- In FT897@yahoogroups.com, "larryhornerjr" <larryhornerjr@...> wrote:
>
> Is there a cable for sale that connects a Kantronics Packet Communicator 3 Plus to the FT-897?
>
You can also make a cable if you have the inclination. You need a 9 pin male serial plug, a 6 pin mini DIN plug and a four conductor cable. Its a PITA, but when you're done, you're done. And it will work with the ICOM mini DIN data ports as well without modification.

KE7VXP

29512. Re: [FT897] mh59 microphone??

Yahoo group: FT897 (2010)
Date: 2010-03-26 22:56:20 UTC
From: Peter L Wilson k2plw
Topic: 29437 Message: 29512

Hi Bob I have the same mike MH-59 and it works good but it is hot on ssb so I turn back my audio and I love how this mike MH-59
73s k2plw Pete
----- Original Message -----
From: 161rc021 Art
To: FT897@yahoogroups.com
Sent: Friday, March 26, 2010 6:26 PM
Subject: Re: [FT897] mh59 microphone??

Hello Bob,
i use mic MH-59 for controll my ft-897 and i find it as perfect tool ;)
by the way allways have very good audio reports.
i have 2 of this mic and both are taked in mint condition from radio friends.
I think... this is good choice.
rgds
Arthur SQ9MLL
Dnia 19 marca 2010 0:27 "Bob" <n4zen@...> napisał(a):
I just received my 897d from Gigaparts and it is a great little radio. I am mainly going to use mine for 6 and 2 meters and as a back up to my FT950. I am using a Md100 on it right now and getting good audio reports. I thought about selling the md100 and buying the mh59 mainly for control on 2 meters. I've seen mixed reviews on this mike on HF. Has anyone used one on HF and do you think it is worth the money?
Thanks and 73's
Bobby N4ZEN

--
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2772 - Release Date: 03/26/10 19:33:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2772 - Release Date: 03/26/10 19:33:00

[Non-text portions of this message have been removed]

29513. Re: Replacement knobs

Yahoo group: FT897 (2010)
Date: 2010-03-27 10:56:44 UTC
From: Hank
Topic: 29466 Message: 29513

While following this post I figurd it was just a weak spot in the radio. But I think you might be onto something, breakaway knobs so to speak. If the shaft was strong, it could actually punch or rip the switch off of the board if it hit just right. Replacing a switch or knob is much cheaper than a main board.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Tom,
>
> Have you ever thought that it may be done that way for a reason?
>
> Imagine that the same accident befell your radio and it had a metal shaft,
> the possibility is there that rather than just breaking off the shaft it
> actually bent and mangled things inside the radio. That could end up being a
> very costly repair instead of simply having to replace one pot or switch.
>
> Remember that this radio is designed for portable use where it could quite
> easily sustain knocks and bumps. I think they did the right thing, whether
> it was planned that way or not.
>
> 73....Eric VK2VE.

29514. Re: FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-27 12:13:28 UTC
From: Ad van Zwetselaar
Topic: 29499 Message: 29514

The setting is like mine. But the problem lies in the recoqnition of the set not in receiving or sending, that is all right.

Tjhe setting in HDW is everytime I stat it up the setting are for Elekraft, not Yeasu FT897, connect return that it cannot find the radio suggesting it is in stand-by mode.

Met vriendelijke groet,

Ad van Zwetselaar

avzwetselaar@...

[Non-text portions of this message have been removed]

29515. Re: FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-27 12:18:38 UTC
From: Ad van Zwetselaar
Topic: 29499 Message: 29515

Dr OM,

Tried that also, no succes.

I am not sure how old my set is should be about 6 years. The antenna conectors are a PL and an N connector.

Met vriendelijke groet,

Ad van Zwetselaar

avzwetselaar@...

[Non-text portions of this message have been removed]

29516. F/S: LDG AT-897 ATU (not Plus)

Yahoo group: FT897 (2010)
Date: 2010-03-27 16:26:27 UTC
From: w6ur
Topic: 29467 Message: 29516

Hi all,

I for sale the bolt-on ATU for the Yaesu FT-897/897D radio. Perfect condition, includes all cables, box and manual etc. Only reason for selling is I need a non dedicated tuner for separate radios. $135.00 or best reasonable offer del CONUS. Postal money order only.

If interested please contact me off line.

Thanks es 73, Lou - W6UR

29517. Re: [FT897] Heil boom mic and headset

Yahoo group: FT897 (2010)
Date: 2010-03-27 17:25:29 UTC
From: Curt Givens
Topic: 29491 Message: 29517

Danny, I use the BM10_4 and I'm pleased with it and get good reports on my audio.

de Curt KC8STE 73

--- On Wed, 3/24/10, Danny Loyd <ke5wdi@hifivers.net> wrote:

From: Danny Loyd <ke5wdi@...>
Subject: [FT897] Heil boom mic and headset
To: FT897@yahoogroups.com
Date: Wednesday, March 24, 2010, 4:29 PM

Hello everyone,

I am looking at getting either the Heil HC-BM-10-4 (i believe those are the numbers) or the 10-5 for use on my 897D. Has anyone had any experience with either of these headsets? Also planning on getting the foot switch.

Thanks for any advise on this. I know it has probably been discussed before but want fresh ideas.

KE5WDI

Danny Loyd

[Non-text portions of this message have been removed]

29518. Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-27 17:32:54 UTC
From: Curt Givens
Topic: 29499 Message: 29518

Also make sure the front panel lock is off, happened to me once.

de Curt KC8STE 73

--- On Thu, 3/25/10, John <aussiejohn@...> wrote:

From: John <aussiejohn@...>
Subject: Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW
To: FT897@yahoogroups.com
Date: Thursday, March 25, 2010, 10:32 AM

Dear Ad Van

Is menu 38 on PSK31-U

also select Digi mode

John GM3ZXG

----- Original Message -----

From: vanzwetselaar

To: FT897@yahoogroups. com

Sent: Thursday, March 25, 2010 2:07 PM

Subject: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Dear OM's

I am not sure if anyone else came with this problem but I can't get a frequency reading or change in MIXW2 or Hamradio de Luxe.

I am using the SB2000 from cgantenna as interface. The connections are made with the cableset which was supplied with the SB2000 and FT-897. CAT (via AT-897), DATA and PTT to the FT-897, audio in and out to the laptop.

Receiving works, I can read CW or PSK etc but no frequency reaction in both programs. Superbrowser works in Hamradio.

Menu 19 = 9600Baud and so are the programs settings

Menu 20 = Off

Menu 85 = CAT

Is there more to set in the menu's? Anyone who solved this problem?

Thanks!

Ad van Zwetselaar PA2Z

---------- --------- --------- --------- --------- --------- -

No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 9.0.791 / Virus Database: 271.1.1/2767 - Release Date: 03/24/10 07:33:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29519. Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-27 18:37:53 UTC
From: Florentin Nastase
Topic: 29499 Message: 29519

MENU #20 MUST BE " CAT " AND #85 OFF
73's
Florentin YO9BXC.

--- On Sat, 3/27/10, Curt Givens <giveadurn@...> wrote:

From: Curt Givens <giveadurn@...>
Subject: Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW
To: FT897@yahoogroups.com
Date: Saturday, March 27, 2010, 10:32 AM

Also make sure the front panel lock is off, happened to me once.

de Curt KC8STE 73

--- On Thu, 3/25/10, John <aussiejohn@ntlworld .com> wrote:

From: John <aussiejohn@ntlworld .com>
Subject: Re: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW
To: FT897@yahoogroups. com
Date: Thursday, March 25, 2010, 10:32 AM

Dear Ad Van

Is menu 38 on PSK31-U

also select Digi mode

John GM3ZXG

----- Original Message -----

From: vanzwetselaar

To: FT897@yahoogroups. com

Sent: Thursday, March 25, 2010 2:07 PM

Subject: [FT897] FT-897 and CAT: no frequency shown in MIXW2 and HDW

Dear OM's

I am not sure if anyone else came with this problem but I can't get a frequency reading or change in MIXW2 or Hamradio de Luxe.

I am using the SB2000 from cgantenna as interface. The connections are made with the cableset which was supplied with the SB2000 and FT-897. CAT (via AT-897), DATA and PTT to the FT-897, audio in and out to the laptop.

Receiving works, I can read CW or PSK etc but no frequency reaction in both programs. Superbrowser works in Hamradio.

Menu 19 = 9600Baud and so are the programs settings

Menu 20 = Off

Menu 85 = CAT

Is there more to set in the menu's? Anyone who solved this problem?

Thanks!

Ad van Zwetselaar PA2Z

------------ --------- --------- --------- --------- --------- -

No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 9.0.791 / Virus Database: 271.1.1/2767 - Release Date: 03/24/10 07:33:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29520. Re: [FT897] pms scan selection

Yahoo group: FT897 (2010)
Date: 2010-03-27 18:30:27 UTC
From: Finnigann
Topic: 29507 Message: 29520

On Thu, 25 Mar 2010 08:31:15 -0300, Francis <fdelta54@...> wrote:

>
> hello all
> i have problem with scan band in pms mode.i put 5 pms limit bands but
> just pms1 is active.how change pms number for scan ?just pms1 is on
> screen i try to change to pms2 but i don't know how make this...help !!
> thank you.

In mem mode: change to 'k' This is where all of the mem limits are stored.
They are stored in pairs. An upper and lower limit.
Change the 'A''B''C' buttons to b the one where 'B' is Skip. This button
will toggle the skip/non-skip status. Toggle off the band pairs your not
interested in and On the pair you are. I think I learned that the lowest
pair toggled will be the pair the radio scans. You don't have to be in the
band you want to scan, that has no affect whatsoever.

If you have some radio mem programming software, this will be a bit
easier. If not, just make a chart of HF + 6M bits you care to scan. I
don't believe V/UHF works. (At least my flaky memory seems to think that)

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29521. Re:Unwell FT-897D

Yahoo group: FT897 (2010)
Date: 2010-03-27 20:19:30 UTC
From: Jim
Topic: 29473 Message: 29521

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Jim M"
<jimthescot989@
...> wrote:
>
> My clarifier knob shaft broke from a book sliding on the shelf. It
didn't require any unusual force to break the knob shaft. So I called
Yaesu and found that is it meant to break instead of transferring force
to the pcb, which is quite costly!
>
> The replacement MEM/VFO CH encoder "pot" is part # Q9000790 @ $1.39
each. So order several pots guys, I imagine that once will not be the
only time it breaks!
>
> 73
> Jim AF1MR
>
.....

>-- Original Message --
>To: FT897@yahoogroups. com
>From: "KB3CVS (Tom)" <kb3cvs@verizon. net>
>Date: Sun, 21 Mar 2010 17:33:10 -0400
>Subject: [FT897] Replacement knobs
>Reply-To: FT897@yahoogroups. com
>
>
>I found my MEM/VFO CH Knob on the floor next to my radio and it looked
>like the tabs on the knob were broken.
>
>Has anyone had to replace any of their knobs before? And if you did,
>does anyone know where replacement knobs can be purchased?
>
>Thanks!
>
>73,
>KB3CVS

29522. Re: [FT897] pms scan selection

Yahoo group: FT897 (2010)
Date: 2010-03-27 10:23:52 UTC
From: José Denoyer
Topic: 29507 Message: 29522

Francis,

I had the same problem as you have and wondered sometime before finding out:
just define your 5 pms limit bands and that's it.

Whenever you want to scan restricted by PMS, switch PMS on, and tune the
freq with the MEM/VFO CH knob to the band you want. Your PMS limit will
adjust automatically to the one corresponding to the band you just tuned in.

Jos?, F4WAR
????????????
2010/3/25 Francis <fdelta54@...>

>
>
> hello all
> i have problem with scan band in pms mode.i put 5 pms limit bands but just
> pms1 is active.how change pms number for scan ?just pms1 is on screen i try
> to change to pms2 but i don't know how make this...help !!
> thank you.
>
>
>

[Non-text portions of this message have been removed]

29523. CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 05:28:09 UTC
From: n3kma
Topic: 29523 Message: 29523

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

29524. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 05:33:52 UTC
From: Carl Wulfestieg
Topic: 29523 Message: 29524

Is the "matching auto tuner that fastens to the side of the radio" made by Yaesu?
73 Carl WZ4CW

[Non-text portions of this message have been removed]

29525. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 05:44:22 UTC
From: Gary Altig
Topic: 29523 Message: 29525

DE N7UVL,
By your limited description, you must be referring to the
Yaesu FC-30, which has only the one CAT Port. Not the
LDG AT-897, which as a "pass-thru" CAT Port?/ga
.
----- Original Message -----
From: n3kma<mailto:n3kma1@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, March 27, 2010 10:28 PM
Subject: [FT897] CAT cabling

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

[Non-text portions of this message have been removed]

29526. RE: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 08:14:28 UTC
From: Eric van de Weyer
Topic: 29523 Message: 29526

Hi Fred,

All is not lost,

If you go to menu 59, you can set that to CAT and then you have the CAT connections coming out on two of the microphone pins. You just need to get or make a splitter cable for that one then and you can se the mic connector for your CAT input.

Of Course, if you are using the MH-59AhJ remote control Microphone, then you are snookered as it uses those pins for its control functions.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n3kma
Sent: Sunday, 28 March 2010 16:28
To: FT897@yahoogroups.com
Subject: [FT897] CAT cabling

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

Yahoo! Groups Links

29527. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 13:47:24 UTC
From: Fred Fish
Topic: 29523 Message: 29527

yes, it's the FC-30 Automatic Antenna Tuner.

On Sun, Mar 28, 2010 at 1:33 AM, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> Is the "matching auto tuner that fastens to the side of the radio" made by
> Yaesu?
> 73 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29528. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 14:52:24 UTC
From: Carl Wulfestieg
Topic: 29523 Message: 29528

Fred-
That's what I thought. In your previous message you said you "... bought ... a tuner ... '. Was this recent enough that you could take it back if you wanted to? Here's why I mention this.

The Yaesu tuner works but it seems to not tune well if the initial SWR is greater than 3:1 Also, it "uses" the CAT port and you therefore can not connect anything else to the CAT port.

Alternatively, many people have selected the LDG AT-897 Autotuner. While not as aesthetically pleasing as the Yaesu tuner, it also mounts on the FT-897 radio. However, its advantages are that it can handle initial SWR up to 10:1, AND while it plugs into the radio CAT port, it HAS a CAT port on the back of it (it only uses the CAT port for power). Therefore this CAT port is available for other equipment.

To check this out, go to http://www.w4rt.com Click on Yaesu Accessories, then scroll and click FT-897/D, then scroll and click AT-897 Autotuner, then click on the picture of it.
WOW!! THEY'RE ON SALE FOR $169 RIGHT NOW!! But the ad says there are only two left at that price!

Go for it- 73 Carl WZ4CW
Check out http://www.skccgroup.com

29529. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 15:13:17 UTC
From: Fred Fish
Topic: 29523 Message: 29529

I actually bought both pieces from the same person on ebay. I can just put it back up for sale. I'm not thrilled that it won't tune a piece of wire since it's so portable and you're most likely to have a piece of wire if you're operating remotely.

Thanks for the information. I appreciate it.

On Sun, Mar 28, 2010 at 10:52 AM, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> Fred-
> That's what I thought. In your previous message you said you "...
> bought ... a tuner ... '. Was this recent enough that you could take it
> back if you wanted to? Here's why I mention this.
>
> The Yaesu tuner works but it seems to not tune well if the initial SWR
> is greater than 3:1 Also, it "uses" the CAT port and you therefore can not
> connect anything else to the CAT port.
>
> Alternatively, many people have selected the LDG AT-897 Autotuner.
> While not as aesthetically pleasing as the Yaesu tuner, it also mounts on
> the FT-897 radio. However, its advantages are that it can handle initial
> SWR up to 10:1, AND while it plugs into the radio CAT port, it HAS a CAT
> port on the back of it (it only uses the CAT port for power). Therefore
> this CAT port is available for other equipment.
>
> To check this out, go to http://www.w4rt.com Click on
> Yaesu Accessories, then scroll and click FT-897/D, then scroll and click
> AT-897 Autotuner, then click on the picture of it.
> WOW!! THEY'RE ON SALE FOR $169 RIGHT NOW!! But the ad says there are only
> two left at that price!
>
> Go for it- 73 Carl WZ4CW
> Check out http://www.skccgroup.com
>
>
>

[Non-text portions of this message have been removed]

29530. Re: CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 15:18:22 UTC
From: Hank
Topic: 29523 Message: 29530

BHI makes the CAT-Mate which gives you 2 extra cat connections and an RS-232 port as well. It is $89.00 and available from http://www.w4rt.com/. Maybe this will work for you.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "n3kma" <n3kma1@...> wrote:
>
> Good evening, all!
>
> I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?
>
> 73
>
> Fred - N3KMA
>

29531. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 18:10:18 UTC
From: DALE
Topic: 29523 Message: 29531

Computer stores have a Y connector. It is for adding both a mouse and keyboard to a laptop that has only one port to plug in either a mouse or a keyboard.
I use one on my radio.
dale

----- Original Message -----
From: "n3kma" <n3kma1@...>
To: FT897@yahoogroups.com
Sent: Saturday, March 27, 2010 10:28:09 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] CAT cabling

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

[Non-text portions of this message have been removed]

29532. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 18:24:29 UTC
From: n3kma1@gmail.com
Topic: 29523 Message: 29532

Would that be a PS2 connector?
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: DALE <wa7ixk@...>
Date: Sun, 28 Mar 2010 14:10:18
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] CAT cabling

Computer stores have a Y connector. It is for adding both a mouse and keyboard to a laptop that has only one port to plug in either a mouse or a keyboard.
I use one on my radio.
dale

----- Original Message -----
From: "n3kma" <n3kma1@...>
To: FT897@yahoogroups.com
Sent: Saturday, March 27, 2010 10:28:09 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] CAT cabling

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29533. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 20:11:22 UTC
From: Curt Givens
Topic: 29523 Message: 29533

Yes it would and it will work on the data ort but not the cat port - different din connectors

de Curt KC8STE

--- On Sun, 3/28/10, n3kma1@... <n3kma1@...> wrote:

From: n3kma1@... <n3kma1@...>
Subject: Re: [FT897] CAT cabling
To: FT897@yahoogroups.com
Date: Sunday, March 28, 2010, 2:24 PM

Would that be a PS2 connector?

Sent from my Verizon Wireless BlackBerry

-----Original Message-----

From: DALE <wa7ixk@embarqmail. com>

Date: Sun, 28 Mar 2010 14:10:18

To: <FT897@yahoogroups. com>

Subject: Re: [FT897] CAT cabling

Computer stores have a Y connector. It is for adding both a mouse and keyboard to a laptop that has only one port to plug in either a mouse or a keyboard.

I use one on my radio.

dale

----- Original Message -----

From: "n3kma" <n3kma1@gmail. com>

To: FT897@yahoogroups. com

Sent: Saturday, March 27, 2010 10:28:09 PM GMT -08:00 US/Canada Pacific

Subject: [FT897] CAT cabling

Good evening, all!

I have a question about cabling. I bought an FT897 and the matching auto tuner that fastens on the side of the radio. To control the tuner, Yaesu uses the CAT port. The down side is that I can't not hook up my netbook and Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2 items to use the single CAT port?

73

Fred - N3KMA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29534. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 20:24:34 UTC
From: John Faughn
Topic: 29523 Message: 29534

I do not think you can use a Y cable , because of the communication of multiple sources .
One source for what your looking is http://www.w4rt.com/ , called a Cate Mate .
John

On Sun, Mar 28, 2010 at 3:11 PM, Curt Givens <giveadurn@...> wrote:

>
>
> Yes it would and it will work on the data ort but not the cat port -
> different din connectors
>
> de Curt KC8STE
>
> --- On Sun, 3/28/10, n3kma1@... <n3kma1%40gmail.com> <
> n3kma1@gmail.com <n3kma1%40gmail.com>> wrote:
>
> From: n3kma1@... <n3kma1%40gmail.com> <n3kma1@...<n3kma1%40gmail.com>
> >
>
> Subject: Re: [FT897] CAT cabling
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Date: Sunday, March 28, 2010, 2:24 PM
>
>
>
>
>
> Would that be a PS2 connector?
>
> Sent from my Verizon Wireless BlackBerry
>
> -----Original Message-----
>
> From: DALE <wa7ixk@embarqmail. com>
>
> Date: Sun, 28 Mar 2010 14:10:18
>
> To: <FT897@yahoogroups. com>
>
> Subject: Re: [FT897] CAT cabling
>
> Computer stores have a Y connector. It is for adding both a mouse and
> keyboard to a laptop that has only one port to plug in either a mouse or a
> keyboard.

>
> I use one on my radio.
>
> dale
>
> ----- Original Message -----
>
> From: "n3kma" <n3kma1@gmail. com>
>
> To: FT897@yahoogroups. com
>
> Sent: Saturday, March 27, 2010 10:28:09 PM GMT -08:00 US/Canada Pacific
>
> Subject: [FT897] CAT cabling
>
> Good evening, all!
>
> I have a question about cabling. I bought an FT897 and the matching auto
> tuner that fastens on the side of the radio. To control the tuner, Yaesu
> uses the CAT port. The down side is that I can't not hook up my netbook and
> Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow 2
> items to use the single CAT port?
>
> 73
>
> Fred - N3KMA
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29535. Re: [FT897] CAT cabling

Yahoo group: FT897 (2010)
Date: 2010-03-28 20:51:26 UTC
From: eric@van-de-weyer.org
Topic: 29523 Message: 29535

Hi Fred,

I'm not certain whether the reply I sent yesterday made it through as I was having some internet issues.

There is another option and that is that by using menu 59 to set the microphone, provided you are not using the MH-59 remote control microphone, you can set it to CAT and you then get the CAT port available through the mic connector on the front panel.

There is probably a cable available to bring this out but it shouldn't be too difficult to make one up yoursenlf if there isn't. I am about to make one myself for a different reason.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: John Faughn <john.faughn@...>
>Date: Sun, 28 Mar 2010 15:24:34 -0500
>Subject: Re: [FT897] CAT cabling
>Reply-To: FT897@yahoogroups.com
>
>
>I do not think you can use a Y cable , because of the communication of
>multiple sources .
>One source for what your looking is http://www.w4rt.com/ , called a Cate
>Mate .
>John
>
>On Sun, Mar 28, 2010 at 3:11 PM, Curt Givens <giveadurn@...> wrote:
>
>>
>>
>> Yes it would and it will work on the data ort but not the cat port -
>> different din connectors
>>
>> de Curt KC8STE
>>
>> --- On Sun, 3/28/10, n3kma1@... <n3kma1%40gmail.com> <
>> n3kma1@... <n3kma1%40gmail.com>> wrote:
>>
>> From: n3kma1@... <n3kma1%40gmail.com> <n3kma1@...<n3kma1%40gmail.com>
>> >
>>
>> Subject: Re: [FT897] CAT cabling

>> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
>> Date: Sunday, March 28, 2010, 2:24 PM
>>
>>
>>
>>
>> Would that be a PS2 connector?
>>
>> Sent from my Verizon Wireless BlackBerry
>>
>> -----Original Message-----
>>
>> From: DALE <wa7ixk@embarqmail. com>
>>
>> Date: Sun, 28 Mar 2010 14:10:18
>>
>> To: <FT897@yahoogroups. com>
>>
>> Subject: Re: [FT897] CAT cabling
>>
>> Computer stores have a Y connector. It is for adding both a mouse and
>> keyboard to a laptop that has only one port to plug in either a mouse
or
>a
>> keyboard.
>>
>> I use one on my radio.
>>
>> dale
>>
>> ----- Original Message -----
>>
>> From: "n3kma" <n3kma1@gmail. com>
>>
>> To: FT897@yahoogroups. com
>>
>> Sent: Saturday, March 27, 2010 10:28:09 PM GMT -08:00 US/Canada Pacific
>>
>> Subject: [FT897] CAT cabling
>>
>> Good evening, all!
>>
>> I have a question about cabling. I bought an FT897 and the matching auto
>> tuner that fastens on the side of the radio. To control the tuner, Yaesu
>> uses the CAT port. The down side is that I can't not hook up my netbook
>and
>> Ham Radio Deluxe to my radio. Is it possible to get a Y cable to allow
>2
>> items to use the single CAT port?
>>

>> 73
>>
>> Fred - N3KMA
>>
>> [Non-text portions of this message have been removed]
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>> [Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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>

29536. Re: [FT897] Re:Unwell FT-897D

Yahoo group: FT897 (2010)
Date: 2010-03-28 21:50:34 UTC
From: KB3CVS (Tom)
Topic: 29473 Message: 29536

I think they're up to about $2.47 now, but will find out if that is
correct when mine show up.

-Tom-

On 3/27/2010 4:19 PM, Jim wrote:
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>, "Jim M"
> <jimthescot989@
> ...> wrote:
> >
> > My clarifier knob shaft broke from a book sliding on the shelf. It
> didn't require any unusual force to break the knob shaft. So I called
> Yaesu and found that is it meant to break instead of transferring force
> to the pcb, which is quite costly!
> >
> > The replacement MEM/VFO CH encoder "pot" is part # Q9000790 @ $1.39
> each. So order several pots guys, I imagine that once will not be the
> only time it breaks!
> >
> > 73
> > Jim AF1MR
> >
> .....
>
> >-- Original Message --
> >To: FT897@yahoogroups. com
> >From: "KB3CVS (Tom)" <kb3cvs@verizon. net>
> >Date: Sun, 21 Mar 2010 17:33:10 -0400
> >Subject: [FT897] Replacement knobs
> >Reply-To: FT897@yahoogroups. com
> >
> >
> >I found my MEM/VFO CH Knob on the floor next to my radio and it looked
> >like the tabs on the knob were broken.
> >
> >Has anyone had to replace any of their knobs before? And if you did,
> >does anyone know where replacement knobs can be purchased?
> >
> >Thanks!
> >
> >73,

> >KB3CVS
>
>

[Non-text portions of this message have been removed]

29537. Replacement Knob

Yahoo group: FT897 (2010)
Date: 2010-03-28 23:20:34 UTC
From: Jim
Topic: 29537 Message: 29537

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
"Jim M"
<jimthescot989@
...> wrote:
>
> My clarifier knob shaft broke from a book sliding on the shelf. It
didn't require any unusual force to break the knob shaft. So I
called
Yaesu and found that is it meant to break instead of transferring
force
to the pcb, which is quite costly!
>
> The replacement MEM/VFO CH encoder "pot" is part # Q9000790 @ $1.39
each. So order several pots guys, I imagine that once will not be
the
only time it breaks!
>
> 73
> Jim AF1MR
>
.....

>-- Original Message --
>To: FT897@yahoogroups. com
>From: "KB3CVS (Tom)" <kb3cvs@verizon. net>
>Date: Sun, 21 Mar 2010 17:33:10 -0400
>Subject: [FT897] Replacement knobs
>Reply-To: FT897@yahoogroups. com
>
>
>I found my MEM/VFO CH Knob on the floor next to my radio and it looked
>like the tabs on the knob were broken.
>
>Has anyone had to replace any of their knobs before? And if you did,
>does anyone know where replacement knobs can be purchased?
>
>Thanks!
>
>73,
>KB3CVS

29538. CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 09:20:57 UTC
From: ap2dkh
Topic: 29538 Message: 29538

Dear all,
My FT897 does not communicate with computer i.e does not display frequency while running programme like MIX W OR WIN EQF logging programme.I use CT 62 cat cable.I have two of them.None is working.I think the CT 62 cables are not broken but some thing wrong with the radio.Please help me and guide me.Thanks in advance. DR.KHALID (AP2DKH)

29539. RE: [FT897] CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 11:42:25 UTC
From: Dennis
Topic: 29538 Message: 29539

You need to make sure that the cable is seated all the way into the connector. Most cables have the plastic surrounding the plug and that plastic usually prevents the plug from going all the way into the connector on the radio. You may need to trim that plastic a little to allow the plug to seat fully into the radio.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ap2dkh
Sent: Monday, March 29, 2010 4:21 AM
To: FT897@yahoogroups.com
Subject: [FT897] CAT CONTROL

Dear all,
My FT897 does not communicate with computer i.e does not display frequency while running programme like MIX W OR WIN EQF logging programme.I use CT 62 cat cable.I have two of them.None is working.I think the CT 62 cables are not broken but some thing wrong with the radio.Please help me and guide me.Thanks in advance. DR.KHALID (AP2DKH)

[Non-text portions of this message have been removed]

29540. Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 14:14:43 UTC
From: ap2dkh
Topic: 29538 Message: 29540

Thanks for your reply.The cat cable is plugged in perfectly.
13.8 VOLTS are also present on one of the pin of cat/linear jack.
The jack connections on the PCB are all OK and resistance on txd and rxd pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de AP2DKH

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> You need to make sure that the cable is seated all the way into the
> connector. Most cables have the plastic surrounding the plug and that
> plastic usually prevents the plug from going all the way into the connector
> on the radio. You may need to trim that plastic a little to allow the plug
> to seat fully into the radio.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ap2dkh
> Sent: Monday, March 29, 2010 4:21 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] CAT CONTROL
>
>
>
>
>
> Dear all,
> My FT897 does not communicate with computer i.e does not display frequency
> while running programme like MIX W OR WIN EQF logging programme.I use CT 62
> cat cable.I have two of them.None is working.I think the CT 62 cables are
> not broken but some thing wrong with the radio.Please help me and guide
> me.Thanks in advance. DR.KHALID (AP2DKH)
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29541. Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 14:29:27 UTC
From: Stephen T
Topic: 29538 Message: 29541

I have had this problem when I forget to set the Baud rate to match the program. It is one of the menu items on the FT-897, and is usually set to 9600 baud. Most of the programs will not auto-match; we have to do it manually.

--- In FT897@yahoogroups.com, "ap2dkh" <ap2dkh@...> wrote:
>
> Thanks for your reply.The cat cable is plugged in perfectly.
> 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> The jack connections on the PCB are all OK and resistance on txd and rxd pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de AP2DKH
>
> --- In FT897@yahoogroups.com, "Dennis" <n8bmb1@> wrote:
> >
> > You need to make sure that the cable is seated all the way into the
> > connector. Most cables have the plastic surrounding the plug and that
> > plastic usually prevents the plug from going all the way into the connector
> > on the radio. You may need to trim that plastic a little to allow the plug
> > to seat fully into the radio.
> >
> >
> >
> > Dennis - N8BMB
> >
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com [mailto:FT897@...m] On Behalf Of
> > ap2dkh
> > Sent: Monday, March 29, 2010 4:21 AM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] CAT CONTROL
> >
> >
> >
> >
> >
> >
> > Dear all,
> > My FT897 does not communicate with computer i.e does not display frequency
> > while running programme like MIX W OR WIN EQF logging programme.I use CT 62
> > cat cable.I have two of them.None is working.I think the CT 62 cables are
> > not broken but some thing wrong with the radio.Please help me and guide
> > me.Thanks in advance. DR.KHALID (AP2DKH)
> >
> >
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

29542. Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 15:13:54 UTC
From: ap2dkh
Topic: 29538 Message: 29542

The cat rate is same on 897 as well as on logging programme.
more the cat option is also ok from the dps menu.

--- In FT897@yahoogroups.com, "Stephen T" <steve@...> wrote:
>
> I have had this problem when I forget to set the Baud rate to match the program. It is one of the menu items on the FT-897, and is usually set to 9600 baud. Most of the programs will not auto-match; we have to do it manually.
>
> --- In FT897@yahoogroups.com, "ap2dkh" <ap2dkh@> wrote:
> >
> > Thanks for your reply.The cat cable is plugged in perfectly.
> > 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> > The jack connections on the PCB are all OK and resistance on txd and rxd pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de AP2DKH
> >
> > --- In FT897@yahoogroups.com, "Dennis" <n8bmb1@> wrote:
> > >
> > > You need to make sure that the cable is seated all the way into the
> > > connector. Most cables have the plastic surrounding the plug and that
> > > plastic usually prevents the plug from going all the way into the connector
> > > on the radio. You may need to trim that plastic a little to allow the plug
> > > to seat fully into the radio.
> > >
> > >
> > >
> > > Dennis - N8BMB
> > >
> > >
> > >
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> > > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > > ap2dkh
> > > Sent: Monday, March 29, 2010 4:21 AM
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> > > Subject: [FT897] CAT CONTROL
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> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
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> >
>

29543. RE: [FT897] Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 15:57:59 UTC
From: Mike Ernst
Topic: 29538 Message: 29543

DR.KHALID,

First of all you indicate your cables are CT-62. A CT-62 cable has a DB-9 serial port connector on the PC end. Is that in fact what you have, or do you have the USB version?

In either case if you go into devices on your PC, and look under ports, you will find a comp port that is the one connected to your radio. You must make sure the COM port number matches between this setting and the one used by the software program. You must also make sure the Baud rate listed there matches up to the software program and to the Baud rate in your FT-897D. And you must make sure the flow control there matches up with the program settings. (I prefer to select none under flow control and then uncheck both of those options in the software.)

I hope this helps - in about 90% of the cases where people have trouble connecting the PC to the radio, it is usually a mismatch between the settings in these three locations.

73,

Mike, AE8U

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ap2dkh
Sent: Monday, March 29, 2010 11:14 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: CAT CONTROL

The cat rate is same on 897 as well as on logging programme.
more the cat option is also ok from the dps menu.

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stephen T" <steve@...> wrote:
>
> I have had this problem when I forget to set the Baud rate to match the program. It is one of the menu items on the FT-897, and is usually set to 9600 baud. Most of the programs will not auto-match; we have to do it manually.
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "ap2dkh" <ap2dkh@> wrote:
> >
> > Thanks for your reply.The cat cable is plugged in perfectly.
> > 13.8 VOLTS are also present on one of the pin of cat/linear jack.

> > The jack connections on the PCB are all OK and resistance on txd and rxd pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de AP2DKH
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> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Dennis" <n8bmb1@> wrote:
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> > > You need to make sure that the cable is seated all the way into the
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> > > plastic usually prevents the plug from going all the way into the connector
> > > on the radio. You may need to trim that plastic a little to allow the plug
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> > >
> > >
> > > Dennis - N8BMB
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of
> > > ap2dkh
> > > Sent: Monday, March 29, 2010 4:21 AM
> > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > > Subject: [FT897] CAT CONTROL
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> > >
> > >
> > > [Non-text portions of this message have been removed]

> > >
> >
>

[Non-text portions of this message have been removed]

29544. Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 17:08:24 UTC
From: ap2dkh
Topic: 29538 Message: 29544

Dear Mike,
Thanks for your kind reply.Yes it is CT 62 having DB 9 SERIAL PORT at the computer side.It is not USB type. Regards

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> DR.KHALID,
>
>
>
> First of all you indicate your cables are CT-62. A CT-62 cable has a DB-9
> serial port connector on the PC end. Is that in fact what you have, or do
> you have the USB version?
>
>
>
> In either case if you go into devices on your PC, and look under ports, you
> will find a comp port that is the one connected to your radio. You must make
> sure the COM port number matches between this setting and the one used by
> the software program. You must also make sure the Baud rate listed there
> matches up to the software program and to the Baud rate in your FT-897D. And
> you must make sure the flow control there matches up with the program
> settings. (I prefer to select none under flow control and then uncheck both
> of those options in the software.)
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>
> I hope this helps - in about 90% of the cases where people have trouble
> connecting the PC to the radio, it is usually a mismatch between the
> settings in these three locations.
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ap2dkh
> Sent: Monday, March 29, 2010 11:14 AM
> To: FT897@yahoogroups.com

> Subject: [FT897] Re: CAT CONTROL
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>
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>
> The cat rate is same on 897 as well as on logging programme.
> more the cat option is also ok from the dps menu.
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stephen T"
> <steve@> wrote:
> >
> > I have had this problem when I forget to set the Baud rate to match the
> program. It is one of the menu items on the FT-897, and is usually set to
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> manually.
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "ap2dkh"
> <ap2dkh@> wrote:
> > >
> > > Thanks for your reply.The cat cable is plugged in perfectly.
> > > 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> > > The jack connections on the PCB are all OK and resistance on txd and rxd
> pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de
> AP2DKH
> > >
> > > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Dennis"
> <n8bmb1@> wrote:
> > > >
> > > > You need to make sure that the cable is seated all the way into the
> > > > connector. Most cables have the plastic surrounding the plug and that
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> > > >
> > > >
> > > > Dennis - N8BMB
> > > >
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
> Of
> > > > ap2dkh
> > > > Sent: Monday, March 29, 2010 4:21 AM
> > > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com

> > > > Subject: [FT897] CAT CONTROL
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> > > >
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> > > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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29545. RE: [FT897] Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 17:31:10 UTC
From: Mike Ernst
Topic: 29538 Message: 29545

DR.KHALID,

Please check the port settings as I mentioned in the 2nd paragraph. Let us know if you find any discrepancy.

73,
Mike, AE8U

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ap2dkh
Sent: Monday, March 29, 2010 1:08 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: CAT CONTROL

Dear Mike,
Thanks for your kind reply.Yes it is CT 62 having DB 9 SERIAL PORT at the computer side.It is not USB type. Regards

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Mike Ernst" <ae8u@...> wrote:
>
> DR.KHALID,
>
>
>
> First of all you indicate your cables are CT-62. A CT-62 cable has a DB-9
> serial port connector on the PC end. Is that in fact what you have, or do
> you have the USB version?
>
>
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> In either case if you go into devices on your PC, and look under ports, you
> will find a comp port that is the one connected to your radio. You must make
> sure the COM port number matches between this setting and the one used by
> the software program. You must also make sure the Baud rate listed there
> matches up to the software program and to the Baud rate in your FT-897D. And
> you must make sure the flow control there matches up with the program
> settings. (I prefer to select none under flow control and then uncheck both
> of those options in the software.)
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>
>
> I hope this helps - in about 90% of the cases where people have trouble
> connecting the PC to the radio, it is usually a mismatch between the
> settings in these three locations.
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>
> 73,
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> Mike, AE8U
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> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
Of
> ap2dkh
> Sent: Monday, March 29, 2010 11:14 AM
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] Re: CAT CONTROL
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> more the cat option is also ok from the dps menu.
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> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stephen
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> <steve@> wrote:
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> program. It is one of the menu items on the FT-897, and is usually set to
> 9600 baud. Most of the programs will not auto-match; we have to do it
> manually.
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "ap2dkh"
> <ap2dkh@> wrote:
> > >
> > > Thanks for your reply.The cat cable is plugged in perfectly.
> > > 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> > > The jack connections on the PCB are all OK and resistance on txd and
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> pins are ok on the pcb.Please help me to diagnose the fault. Dr.Khalid de
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> > > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
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> <n8bmb1@> wrote:
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> > > > to seat fully into the radio.
> > > >
> > > >
> > > >
> > > > Dennis - N8BMB
> > > >
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
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> > > > ap2dkh
> > > > Sent: Monday, March 29, 2010 4:21 AM
> > > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > > > Subject: [FT897] CAT CONTROL
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29546. Re: FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-29 19:44:03 UTC
From: Ad van Zwetselaar
Topic: 29499 Message: 29546

OM,

Yes, of course, switched menus. Sorry.

Greetings,

Ad van Zwetselaar PA2Z

avzwetselaar@...

[Non-text portions of this message have been removed]

29547. Re: FT-897 and CAT: no frequency shown in MIXW2 and HDW

Yahoo group: FT897 (2010)
Date: 2010-03-29 19:51:56 UTC
From: Ad van Zwetselaar
Topic: 29499 Message: 29547

Dear Om's

Is it possible that there is a problem with the CAT port, perhaps an electrical or electronical problem? A fet that is fault? How can I chech that? Could a reset of the software do some good?

73's,

Ad van Zwetselaar PA2Z

avzwetselaar@...

[Non-text portions of this message have been removed]

29548. RE: [FT897] Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-29 20:58:23 UTC
From: eric@van-de-weyer.org
Topic: 29538 Message: 29548

Hi Dr Kahlid,

The other thing to check, of course, is that the port is, in fact, set to CAT or ATAS and not Linear or Tuner as one fo these uses the CAAT pins for something else. If you need the rear port set that way then you can use the microphone connector to access the CAT port by setting menu 59 to CAT, so long as you aren't using the MH59 remote control mic.

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Mike Ernst" <ae8u@...>
>Date: Mon, 29 Mar 2010 13:31:10 -0400
>Subject: RE: [FT897] Re: CAT CONTROL
>Reply-To: FT897@yahoogroups.com
>
>
>DR.KHALID,
>
>
>
>Please check the port settings as I mentioned in the 2nd paragraph. Let
us
>know if you find any discrepancy.
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>73,
>Mike, AE8U
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>From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
>ap2dkh
>Sent: Monday, March 29, 2010 1:08 PM
>To: FT897@yahoogroups.com
>Subject: [FT897] Re: CAT CONTROL
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>Dear Mike,

>Thanks for your kind reply.Yes it is CT 62 having DB 9 SERIAL PORT at the
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>> DR.KHALID,
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>> In either case if you go into devices on your PC, and look under ports,
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>> will find a comp port that is the one connected to your radio. You must
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>> sure the COM port number matches between this setting and the one used
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>> the software program. You must also make sure the Baud rate listed there
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>> you must make sure the flow control there matches up with the program
>> settings. (I prefer to select none under flow control and then uncheck
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>> of those options in the software.)
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>> I hope this helps - in about 90% of the cases where people have trouble
>> connecting the PC to the radio, it is usually a mismatch between the
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>> 73,
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>> Mike, AE8U
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>> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
>[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
>Of

>> ap2dkh
>> Sent: Monday, March 29, 2010 11:14 AM
>> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
>> Subject: [FT897] Re: CAT CONTROL
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>> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stephen
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>> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "ap2dkh"
>> <ap2dkh@> wrote:
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>> > > Thanks for your reply.The cat cable is plugged in perfectly.
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>> > > The jack connections on the PCB are all OK and resistance on txd and
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>> > > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
>"Dennis"
>> <n8bmb1@> wrote:
>> > > >
>> > > > You need to make sure that the cable is seated all the way into
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>> > > > Dennis - N8BMB
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>
>Yahoo! Groups Links
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29549. Display FT-897

Yahoo group: FT897 (2010)
Date: 2010-03-28 18:36:39 UTC
From: alfredaopinheiro
Topic: 29549 Message: 29549

Hello to all of the group.
I have a FT-897D, with 1 year of use, some days ago began to appear some stripes, as if they were defective in the display, the strips are vertical. Did some of the friends already see that problem type?
Wayner
Rio de Janeiro

29550. Re: Display FT-897

Yahoo group: FT897 (2010)
Date: 2010-03-30 00:07:31 UTC
From: jabiru120
Topic: 29549 Message: 29550

Hi Wayner,
My LCD display, at about 12 months old, developed a single horizontal "dead" strip. I returned the radio to Yaesu (Australia) and it was fixed under their 3 year warranty.
I wonder if this is a common fault?
Regards
Rick VK4NR

--- In FT897@yahoogroups.com, "alfredaopinheiro" <alfredaopinheiro@...> wrote:
>
> Hello to all of the group.
> I have a FT-897D, with 1 year of use, some days ago began to appear some stripes, as if they were defective in the display, the strips are vertical. Did some of the friends already see that problem type?
> Wayner
> Rio de Janeiro
>

29551. Re: [FT897] Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-30 01:32:10 UTC
From: Michael Walker
Topic: 29538 Message: 29551

Dr.

Have a look at this web page and follow its direction to help solve the problem.

http://forums.ham-radio.ch/showthread.php?t=10946

Mike VA3MW

ap2dkh wrote:
>
>
> Thanks for your reply.The cat cable is plugged in perfectly.
> 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> The jack connections on the PCB are all OK and resistance on txd and
> rxd pins are ok on the pcb.Please help me to diagnose the fault.
> Dr.Khalid de AP2DKH
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "Dennis" <n8bmb1@...> wrote:
> >
> > You need to make sure that the cable is seated all the way into the
> > connector. Most cables have the plastic surrounding the plug and that
> > plastic usually prevents the plug from going all the way into the
> connector
> > on the radio. You may need to trim that plastic a little to allow
> the plug
> > to seat fully into the radio.
> >
> >
> >
> > Dennis - N8BMB
> >
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> > ap2dkh
> > Sent: Monday, March 29, 2010 4:21 AM
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] CAT CONTROL
> >
> >
> >
> >

> >
> >
> > Dear all,
> > My FT897 does not communicate with computer i.e does not display
> frequency
> > while running programme like MIX W OR WIN EQF logging programme.I
> use CT 62
> > cat cable.I have two of them.None is working.I think the CT 62
> cables are
> > not broken but some thing wrong with the radio.Please help me and guide
> > me.Thanks in advance. DR.KHALID (AP2DKH)
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

29552. Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 03:27:43 UTC
From: gbongi1
Topic: 29552 Message: 29552

I posted this in both signalink and ft897 yahoo groups. i hope the moderators are ok with that.

Ok I have been working on trying to tx on digi for some time now. I am embarrassed to say how long. I keep trying and failing to TX.

Finally I am trying to reach out for help.

First I will give you my set up, configurations.

OS: Debian 5 (Kernel 2.6.26-2)
Digi Software: Fldigi
Rig: Yaesu ft 897
Tuner: LDG 897
Interface: Signalink USB (I am the second owner. I am starting to wonder if I need to send it in to be checked out.)
Originally I made my own interface cable for signalink to Rig. I also used supplied Jumpers.
Since I have never been yet able to to transmit I have bought both a Jumper module and the 6 pin data cable from tigertronics and now have them both installed.

Rig Configuration:
Yaesu FT-897 in
Frequency = 14.070
mode = "dig"

Menu 036 Digi dsp = +1500hz
Menu 037 Digi gain = 20
Menu 038 = user-u
Menu 039 Digi shift = +1500hz
Menu 040 Digi vox = 20
Menu 075 RF power = 40
Menu 088 Vox gain = 1

CAT communication working on Multiple Ham programs and hamlibs on the CL

I can receive no problem

Symptoms.

I send a CQ and the digital software application (fldigi) initiates the PTT on on Signalink (red light). Also the PTT is executing on the rig (red light).
Fldigi "shows" in the waterfall that a tone is being transmitted. I hear sound through the monitor on the Signalink.

Everything "looks/seems" as thought I am transmitting.

However, I see no pwr or Modulation during transmit.

Any Ideas?
All Help and information will be greatly appreciated.
If you need me to be more descriptive or think I am missing something please don;t hesitate to ask for more information.

73

Ki4lui

29553. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 03:59:42 UTC
From: jcglt
Topic: 29552 Message: 29553

Here are my settings with a FT897D, a SignaLink USB, fldigi3.20.0b8 and Ubuntu Karmic 9.10
:
36 OHz
37 30
38 PSK31-U
39 OHz
40 50
75 100
88 50
And the total system works nicely.
73s JC FK8IH

--- In FT897@yahoogroups.com, "gbongi1" <gbongi1@...> wrote:
>
> I posted this in both signalink and ft897 yahoo groups. i hope the moderators are ok with
that.
>
> Ok I have been working on trying to tx on digi for some time now. I
....

29554. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 04:57:38 UTC
From: gbongi1
Topic: 29552 Message: 29554

Thanks for the reply. tried all of your settings except for you rf power setting (11 is a bit high yes?)

And still the same issue as I have written previously.

Thanks a lot

--- In FT897@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> Here are my settings with a FT897D, a SignaLink USB, fldigi3.20.0b8 and Ubuntu Karmic 9.10 :
> 36 OHz
> 37 30
> 38 PSK31-U
> 39 OHz
> 40 50
> 75 100
> 88 50
> And the total system works nicely.
> 73s JC FK8IH
>
> --- In FT897@yahoogroups.com, "gbongi1" <gbongi1@> wrote:
> >
> > I posted this in both signalink and ft897 yahoo groups. i hope the moderators are ok with that.
> >
> > Ok I have been working on trying to tx on digi for some time now. I
> ....
>

29555. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 05:47:52 UTC
From: jcglt
Topic: 29552 Message: 29555

75 set to 100 (the maximum): I have read that recommendation in many posts, I adjust the power radiated by the tranceiver by turning slightly the Tx Knob of the SignaLink box (around 7 to 8 o'clock, not more, in order to see NO ALC deflection on the FT897D screen. This was just to answer your last question but it seems obviously that I did not respond to your first post.
73s JC FK8IH

--- In FT897@yahoogroups.com, "gbongi1" <gbongi1@...> wrote:
>
>
> Thanks for the reply. tried all of your settings except for you rf power setting (11 is a bit high yes?)
>
> And still the same issue as I have written previously.
>
> Thanks a lot

29556. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 07:38:50 UTC
From: jcglt
Topic: 29552 Message: 29556

Did you read this page : http://www.tigertronics.com/slusbts.htm
73s JC FK8IH

29557. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 13:01:35 UTC
From: gbongi1
Topic: 29552 Message: 29557

Yes I have thanks. The volume is at max and the correct USB audio codec is selected.

--- In FT897@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> Did you read this page : http://www.tigertronics.com/slusbts.htm
> 73s JC FK8IH
>

29558. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 13:00:47 UTC
From: gbongi1
Topic: 29552 Message: 29558

Ok Thanks I will try it when I get home... Thanks

--- In FT897@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> 75 set to 100 (the maximum): I have read that recommendation in many posts, I adjust the power radiated by the tranceiver by turning slightly the Tx Knob of the SignaLink box (around 7 to 8 o'clock, not more, in order to see NO ALC deflection on the FT897D screen. This was just to answer your last question but it seems obviously that I did not respond to your first post.
> 73s JC FK8IH
>
> --- In FT897@yahoogroups.com, "gbongi1" <gbongi1@> wrote:
> >
> >
> > Thanks for the reply. tried all of your settings except for you rf power setting (11 is a bit high yes?)
> >
> > And still the same issue as I have written previously.
> >
> > Thanks a lot
>

29559. Re: Display FT-897

Yahoo group: FT897 (2010)
Date: 2010-03-30 13:48:33 UTC
From: john_kb0ne
Topic: 29549 Message: 29559

Hi,
Try going into the menu and adjusting the CONTRAST for the LCD. Otherwise, like the other post said you may have an LCD panel problem and need to replace it.

From the manual:
LCD Contrast
If you experience difficulty in reading the main display,
try adjusting the LCD's contrast, using the Menu mode.
1. Press and hold in the [F] button for one second to
activate the Menu mode.
2. Rotate the MEM/VFO CH knob to select Menu
Mode No-042 [DISP CONTRAST].
3. Rotate the DIAL knob to adjust the contrast. As you
make the adjustment, you will be able to see the effects
of you changes.
4. When you have completed the adjustment, press and
hold in the [F] button for one second to exit the Menu
mode

--- In FT897@yahoogroups.com, "alfredaopinheiro" <alfredaopinheiro@...> wrote:
>
> Hello to all of the group.
> I have a FT-897D, with 1 year of use, some days ago began to appear some stripes, as if they were defective in the display, the strips are vertical. Did some of the friends already see that problem type?
> Wayner
> Rio de Janeiro
>

29560. Re: [FT897] Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 15:16:13 UTC
From: Danny Loyd
Topic: 29552 Message: 29560

One thing that you said in your original post that caught my eye, your Cat communication is working on other programs. The Signalink must be plugged into the data port not the CAT on the FT897 to modulate the signal if I am not mistaken.

Danny
KE5WDI

From: gbongi1 <gbongi1@...>
To: FT897@yahoogroups.com
Sent: Tue, March 30, 2010 8:01:35 AM
Subject: [FT897] Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yes I have thanks. The volume is at max and the correct USB audio codec is selected.

--- In FT897@yahoogroups. com, "jcglt" <jcjglt@...> wrote:
>
> Did you read this page : http://www.tigertronics.com/slusbts.htm
> 73s JC FK8IH
>

[Non-text portions of this message have been removed]

29561. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-30 19:00:02 UTC
From: gbongi1
Topic: 29552 Message: 29561

Right my original post states I am using the 6 pi din from signalink to Rig. I was just adding theinformation that CAT was working.

The signalink is plugged into the DATA port (6pin) on the back of the Rig

thanks

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> One thing that you said in your original post that caught my eye, your Cat communication is working on other programs. The Signalink must be plugged into the data port not the CAT on the FT897 to modulate the signal if I am not mistaken.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: gbongi1 <gbongi1@...>
> To: FT897@yahoogroups.com
> Sent: Tue, March 30, 2010 8:01:35 AM
> Subject: [FT897] Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.
>
> Â
> Yes I have thanks. The volume is at max and the correct USB audio codec is selected.
>
> --- In FT897@yahoogroups. com, "jcglt" <jcjglt@> wrote:
> >
> > Did you read this page : http://www.tigertronics.com/slusbts.htm
> > 73s JC FK8IH
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

29562. Distorted audio on AM TX

Yahoo group: FT897 (2010)
Date: 2010-03-30 19:30:01 UTC
From: graham787
Topic: 29562 Message: 29562

Everything is fine .. except it seems AM tx ..Carrier is 25 watts , but the TX audio is very low and what there is, is quite distorted, unless at a very low level .. peak power meter reading remains at 25 watts during modulation ..possibly slightly negative

Tx audio on all other modes is fine .. no rf feed back etc , just the same on the dummy load ...

Anyone seen this , any ideas as what to check ?

Tnx - G.

29563. Re: Distorted audio on AM TX

Yahoo group: FT897 (2010)
Date: 2010-03-30 22:28:58 UTC
From: Steve Yates
Topic: 29562 Message: 29563

If you're using the stock mic put the switch to number 2 on the back and maybe use the high pass DSP function on transmit to minimize the bass response. To much bass on AM seems to rob power from the carrier causing distortion.

Unfortunetely poor audio is sometimes a characteristic of low level modulation on these modern "rice boxes". That is, AM is produced at an early stage and then amplified linearly until it is transmitted. An AM only rig, like a CB radio, on the other hand will usually have high level modulation of the final amplifier with much better results. There is a cost associated with having a rig that tries to do everything. With my FT-897D I have found that AM sounds much better with far less distortion if I use a microphone with a frequency response tailored for the higher end of the spectrum. I recently converted an unamplified Astatic stand for a D-104 and a 10DA mic element from high impedance to 600 ohms using a signal stage impedance buffer with a simple FET circuit. These microphones typically were used on old tube rigs in the old days and sound great on AM. The 10DA sounds much like a Heil element on SSB but both are too high pitched for FM, especially the D-104. The stock microphone is pretty mushy on AM and the bass response causes distortion that sounds like power is being robbed from the carrier.

73,
Steve - AA5TB

29564. Re: Distorted audio on AM TX

Yahoo group: FT897 (2010)
Date: 2010-03-30 22:47:39 UTC
From: graham787
Topic: 29562 Message: 29564

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> If you're using the stock mic put the switch to number 2 on the back and maybe use the high pass DSP function on transmit to minimize the bass response. To much bass on AM seems to rob power from the carrier causing distortion.
>
> Unfortunetely poor audio is sometimes a characteristic of low level modulation on these modern "rice boxes". That is, AM is produced at an early stage and then amplified linearly until it is transmitted. An AM only rig, like a CB radio, on the other hand will usually have high level modulation of the final amplifier with much better results. There is a cost associated with having a rig that tries to do everything. With my FT-897D I have found that AM sounds much better with far less distortion if I use a microphone with a frequency response tailored for the higher end of the spectrum. I recently converted an unamplified Astatic stand for a D-104 and a 10DA mic element from high impedance to 600 ohms using a signal stage impedance buffer with a simple FET circuit. These microphones typically were used on old tube rigs in the old days and sound great on AM. The 10DA sounds much like a Heil element on SSB but both are too high pitched for FM, especially the D-104. The stock microphone is pretty mushy on AM and the bass response causes distortion that sounds like power is being robbed from the carrier.
>
> 73,
> Steve - AA5TB
>

Ok Steve

No this more than just a mike miss match , all other modes are working fine ... in the tech description it talks about un balacing the mixer to make AM .. thats working , but something is badley clipping ... ssb is fine so its not the audio ... dosen't look to be any adjustments ..

may try a full power on re set .. see if that changes thing's ?

Tnx - G .

29565. Re: CAT CONTROL

Yahoo group: FT897 (2010)
Date: 2010-03-31 06:29:00 UTC
From: Hussain
Topic: 29538 Message: 29565

Dear Dr. Khalid AP2DKH
I say same as Om AE8U mentioned here.
Please check your radio with an other computer system and cable too.
First try with an other pc then get CT-62 cable from me. if still not work then go the radio. Your Radio CAT port is not working . this is very simple solution to find out the problem. either you radio port is faulty , cable or pc port. othervise should have a visit to me with all stuff.
have a nice experiment with lot of RFI in shack. hihi..

Good Luck..

AP2GH / Hussain.

--- In FT897@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Dr.
>
> Have a look at this web page and follow its direction to help solve the
> problem.
>
> http://forums.ham-radio.ch/showthread.php?t=10946
>
> Mike VA3MW
>
> ap2dkh wrote:
> >
> >
> > Thanks for your reply.The cat cable is plugged in perfectly.
> > 13.8 VOLTS are also present on one of the pin of cat/linear jack.
> > The jack connections on the PCB are all OK and resistance on txd and
> > rxd pins are ok on the pcb.Please help me to diagnose the fault.
> > Dr.Khalid de AP2DKH
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> > "Dennis" <n8bmb1@> wrote:
> > >
> > > You need to make sure that the cable is seated all the way into the
> > > connector. Most cables have the plastic surrounding the plug and that
> > > plastic usually prevents the plug from going all the way into the
> > connector
> > > on the radio. You may need to trim that plastic a little to allow
> > the plug
> > > to seat fully into the radio.
> > >
> > >
> > >

> > > Dennis - N8BMB
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> > Behalf Of
> > > ap2dkh
> > > Sent: Monday, March 29, 2010 4:21 AM
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > > Subject: [FT897] CAT CONTROL
> > >
> > >
> > >
> > >
> > >
> > > Dear all,
> > > My FT897 does not communicate with computer i.e does not display
> > frequency
> > > while running programme like MIX W OR WIN EQF logging programme.I
> > use CT 62
> > > cat cable.I have two of them.None is working.I think the CT 62
> > cables are
> > > not broken but some thing wrong with the radio.Please help me and guide
> > > me.Thanks in advance. DR.KHALID (AP2DKH)
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> >
>
>
> [Non-text portions of this message have been removed]
>

29566. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-03-31 23:00:03 UTC
From: gbongi1
Topic: 29552 Message: 29566

Current configuration:

036 = 0
037 = 30
038 = psk31-U
039 = 0
040 = 50
075 = 100
088

061 = pwr
mfi[b] = mod

Here is a video of what is happening

http://www.youtube.com/watch?v=CX9DZ-ujDvs

I am also using pulseaudio. Maybe I should take a video of that too.

Thanks for your help.
73
Ki4LUI

--- In FT897@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> Here are my settings with a FT897D, a SignaLink USB, fldigi3.20.0b8 and Ubuntu Karmic 9.10 :
> 36 OHz
> 37 30
> 38 PSK31-U
> 39 OHz
> 40 50
> 75 100
> 88 50
> And the total system works nicely.
> 73s JC FK8IH
>
> --- In FT897@yahoogroups.com, "gbongi1" <gbongi1@> wrote:
> >
> > I posted this in both signalink and ft897 yahoo groups. i hope the moderators are ok with that.
> >
> > Ok I have been working on trying to tx on digi for some time now. I
> ....
>

29567. CAT CONTROL VERSUS BEEP TONE

Yahoo group: FT897 (2010)
Date: 2010-04-01 10:15:35 UTC
From: ap2dkh
Topic: 29567 Message: 29567

Dear ALL,
As I mentioned in my previous requests that the 897 does not communicate with the computer.I have got a clue that the beep tone which comes while changing mode,band etc becomes distorted i.e it is not clear as it should be.As long as the beep tone is distorted the FT897 does not communicate with the computer. Some time after reseting the radio the tone becomes clear and at the same time it starts communicating with computer. Some time it does not become clear after many times reseting and even after master reseting.
However if the beep tone is clear the radio communicate with the computer and if distorted then no communication with computer.
Please guide and help me in diagnosing the fault.
Regards Dr.Khalid de AP2DKH

29568. RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-01 10:45:05 UTC
From: Trixter aka Bret McDanel
Topic: 29568 Message: 29568

I am wondering if anyone has realworld experience with the RF Systems Power Isolator. I can come up with all the conjecture I want, and I am sure that some people would love to help pile that on, but I would really like to request real world actual hands on experience comments.

http://www.rf-systems.nl/power-iso.html

How did it perform?
Was the loss 0.5dB or less as they claim?
Did the noise go down?
Any close calls on lightning? Did the device work as advertised?
Any Tx problems?
Did you test 6m, if so what is the drop off above 50MHz?

Thanks!

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29569. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-01 13:30:46 UTC
From: John Faughn
Topic: 29568 Message: 29569

You did not ask price ?

On Thu, Apr 1, 2010 at 4:45 AM, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> I am wondering if anyone has realworld experience with the RF Systems
> Power Isolator. I can come up with all the conjecture I want, and I am
> sure that some people would love to help pile that on, but I would
> really like to request real world actual hands on experience comments.
>
> http://www.rf-systems.nl/power-iso.html
>
> How did it perform?
> Was the loss 0.5dB or less as they claim?
> Did the noise go down?
> Any close calls on lightning? Did the device work as advertised?
> Any Tx problems?
> Did you test 6m, if so what is the drop off above 50MHz?
>
> Thanks!
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

29570. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-01 14:14:30 UTC
From: Trixter aka Bret McDanel
Topic: 29568 Message: 29570

On Thu, 2010-04-01 at 07:30 -0600, John Faughn wrote:
> You did not ask price ?

That is correct, I wanted to know how well it performs not how much it
is.

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29571. Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 15:39:25 UTC
From: tailfeathers
Topic: 29571 Message: 29571

http://kb6nu.com/unbelievable/

_____
Auto Insurance Quotes
Enter Zip Code and Compare Rates! How Much Can You Save?
http://thirdpartyoffers.juno.com/TGL3141/4bb4be34dbffd65eb4st01duc

29572. ATT: MOD! RE: Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 16:31:51 UTC
From: N4CQR
Topic: 29571 Message: 29572

Moderator?

29573. Re: [FT897] Replacement Knob - Replaced POT - Fixed!

Yahoo group: FT897 (2010)
Date: 2010-04-01 16:40:10 UTC
From: KB3CVS (Tom)
Topic: 29537 Message: 29573

Well, I received the part from Vertex Standard, took apart, and replaced the Pot. I'm happy to say it was fairly easy, and the radio is repaired.

Problem is, I was able to continue to use the original knob <grin> (so now I have spares).

73,
-Tom-

On 3/28/2010 7:20 PM, Jim wrote:
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>,
> "Jim M"
> <jimthescot989@
> ...> wrote:
> >
> > My clarifier knob shaft broke from a book sliding on the shelf. It
> didn't require any unusual force to break the knob shaft. So I
> called
> Yaesu and found that is it meant to break instead of transferring
> force
> to the pcb, which is quite costly!
> >
> > The replacement MEM/VFO CH encoder "pot" is part # Q9000790 @ $1.39
> each. So order several pots guys, I imagine that once will not be
> the
> only time it breaks!
> >
> > 73
> > Jim AF1MR
> >
> .....
>
> >-- Original Message --
> >To: FT897@yahoogroups. com
> >From: "KB3CVS (Tom)" <kb3cvs@verizon. net>
> >Date: Sun, 21 Mar 2010 17:33:10 -0400
> >Subject: [FT897] Replacement knobs
> >Reply-To: FT897@yahoogroups. com
> >
> >
> >I found my MEM/VFO CH Knob on the floor next to my radio and it looked
> >like the tabs on the knob were broken.

> >
> >Has anyone had to replace any of their knobs before? And if you did,
> >does anyone know where replacement knobs can be purchased?
> >
> >Thanks!
> >
> >73,
> >KB3CVS
>
>

[Non-text portions of this message have been removed]

29574. Re: [FT897] ATT: MOD! RE: Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 16:43:23 UTC
From: Trixter aka Bret McDanel
Topic: 29571 Message: 29574

On Thu, 2010-04-01 at 09:31 -0700, N4CQR wrote:
>
> Moderator?
>

read the article, it is ham radio related. Then read the first comment,
it sums up my sentiments on this very nicely.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29575. RE: [FT897] ATT: MOD! RE: Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 17:04:13 UTC
From: Dennis
Topic: 29571 Message: 29575

Just got to love whiners, and those with no sense of humor!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Trixter aka Bret McDanel
Sent: Thursday, April 01, 2010 11:43 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] ATT: MOD! RE: Unbelievable!!!!

On Thu, 2010-04-01 at 09:31 -0700, N4CQR wrote:
>
> Moderator?
>

read the article, it is ham radio related. Then read the first comment,
it sums up my sentiments on this very nicely.

kc2dwq
>
--
Trixter http://www.0xdecafb <http://www.0xdecafbad.com> ad.com Bret McDanel
pgp key: http://pgp.mit.
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

29576. Re: [FT-857] Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 17:57:12 UTC
From: "Glenn (KØBO)"
Topic: 29571 Message: 29576

Poor interpretation that boarders on falsehood and VERY off topic. It's posting here will only disassociate radios users and destroy the groups with political post.

Moderators,
Please stifle this person's post to on-topic issues

29577. Re: [FT897] Re: [FT-857] Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 18:03:14 UTC
From: tailfeathers
Topic: 29571 Message: 29577

I thought it JUST MIGHT! have something to do with the date...Grow a
pair...:>)

Gary
n8gsj

On 4/1/2010 11:57 AM, "Glenn (KØBO)" wrote:
> Poor interpretation that boarders on falsehood and VERY off topic. It's posting
> here will only disassociate radios users and destroy the groups with political
> post.
>
> Moderators,
> Please stifle this person's post to on-topic issues
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

29578. Re: [FT897] Re: [FT-857] Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 18:16:17 UTC
From: Glenn Valenta (K0BO)
Topic: 29571 Message: 29578

Sorry! It's just been a touch subject for me and I responded without thought
of the date.

tailfeathers wrote:
> I thought it JUST MIGHT! have something to do with the date...Grow a
> pair...:>)
>
> Gary
> n8gsj
>
>
> On 4/1/2010 11:57 AM, "Glenn (KØBO)" wrote:
>> Poor interpretation that boarders on falsehood and VERY off topic. It's posting
>> here will only disassociate radios users and destroy the groups with political
>> post.
>>
>> Moderators,
>> Please stifle this person's post to on-topic issues
>>
>>
>>
>

29579. Re: [FT897] Re: [FT-857] Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 18:22:36 UTC
From: Joe
Topic: 29571 Message: 29579

Sometimes, it pays to read the article before responding.....<<GRIN>>

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "tailfeathers" <tailfeathers@...>
Subject: Re: [FT897] Re: [FT-857] Unbelievable!!!!

I thought it JUST MIGHT! have something to do with the date...Grow a
pair...:>)

29580. Re: [FT897] Re: [FT-857] Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 19:17:33 UTC
From: John Faughn
Topic: 29571 Message: 29580

Censorship is a bad attitude .
Ignoring what you do not like is a good attitude .
If no one can speak about any subject [political] that's when we loose control .
Now back to our normal tech stuff .

On Thu, Apr 1, 2010 at 12:22 PM, Joe <WA6RKN@...> wrote:

>
>
> Sometimes, it pays to read the article before responding.....<<GRIN>>
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
>
> ----- Original Message -----
> From: "tailfeathers" <tailfeathers@... <tailfeathers%40juno.com>>
> Subject: Re: [FT897] Re: [FT-857] Unbelievable!!!!
>
> I thought it JUST MIGHT! have something to do with the date...Grow a
> pair...:>)
>
>
>

[Non-text portions of this message have been removed]

29581. Help Please :-)

Yahoo group: FT897 (2010)
Date: 2010-04-01 21:26:11 UTC
From: radiobuff777
Topic: 29581 Message: 29581

Hey Gang,

Just a quick question which I am sure any number of you can answer. I am about to order my first FT897. As I am looking at the list of accessories, I notice there is a programming/software cable, which I understand.

There is also a Computer Interface Cable, which I assume allows you to talk to the computer with the radio. Here's my question...if I get the programming/software cable, do I still need the Interface Cable?

I have a Rigblaster Pro at home which I would like to use with the 897.

Please excuse my ignorance :-)

Jeff, KC2DAQ

29582. Re: Help Please :-)

Yahoo group: FT897 (2010)
Date: 2010-04-01 22:07:05 UTC
From: bram.pe2ek
Topic: 29581 Message: 29582

--- In FT897@yahoogroups.com, "radiobuff777" <radiobuff777@...> wrote:
>
> Hey Gang,
>
> Just a quick question which I am sure any number of you can answer. I am about to order my first FT897. As I am looking at the list of accessories, I notice there is a programming/software cable, which I understand.
>
> There is also a Computer Interface Cable, which I assume allows you to talk to the computer with the radio. Here's my question...if I get the programming/software cable, do I still need the Interface Cable?
>
> I have a Rigblaster Pro at home which I would like to use with the 897.
>
> Please excuse my ignorance :-)
>
> Jeff, KC2DAQ
>
hello jeff
if you are using the ct-62 cat cable you can use software to program the rig it uses the clone setting

for soundcard modes you will need the the rigblaster or some other interface but to control the freq etc at the same time you will need a cat cable

rigblaster works fine or mixw etc but there is no freq readout from the rig to the pc and back
http://www.xggcomms.com/page4.htm quite cheap cables

i am using a mfj-1275m soundcard radio interface and a ct-62 cable
73
bram pe2ek

29583. Re: [FT897] ATT: MOD! RE: Unbelievable!!!!

Yahoo group: FT897 (2010)
Date: 2010-04-01 23:17:48 UTC
From: carl
Topic: 29571 Message: 29583

Get a life and enjoy Easter.
Carl VK3EMF

On 2/04/2010 3:31 AM, N4CQR wrote:
>
> Moderator?
>
>

[Non-text portions of this message have been removed]

29584. Re: [FT897] Help Please :-)

Yahoo group: FT897 (2010)
Date: 2010-04-01 23:18:59 UTC
From: Trixter aka Bret McDanel
Topic: 29581 Message: 29584

On Thu, 2010-04-01 at 21:26 +0000, radiobuff777 wrote:
>
> There is also a Computer Interface Cable, which I assume allows you to
> talk to the computer with the radio. Here's my question...if I get the
> programming/software cable, do I still need the Interface Cable?
>

The cable, which can be obtained separately or made yourself, is
required to connect the serial port to the CAT/Data port of the radio.

I for example have two cables, one is for the DATA port, which lets me
press the PTT, get audio in/out, etc. I use this for packet. I have
another cable which does serial and wrote a perl library which is freely
available so that others may write their own software (perl is available
for windows, osx, linux, bsd, ... virtually all platforms).
http://www.0xdecafbad.com/FT8XXCAT.html

> I have a Rigblaster Pro at home which I would like to use with the
> 897.
>

not familiar with that, if it has a serial (rs232/usb) end for your
computer and a CAT/Data end for the radio it should work providing it
connects in a way the software understands.

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29585. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-02 09:17:03 UTC
From: josedouglas@yahoo.com
Topic: 29568 Message: 29585

Price is 319 Euro, a bit steep for me.

Cheers!

Jose
KB1TCD

From: Trixter aka Bret McDanel <trixter@0xdecafbad.com>
To: FT897@yahoogroups.com
Sent: Thu, April 1, 2010 10:14:30 AM
Subject: Re: [FT897] RF Systems Power Isolator

On Thu, 2010-04-01 at 07:30 -0600, John Faughn wrote:
> You did not ask price ?

That is correct, I wanted to know how well it performs not how much it
is.

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

29586. Re: [FT897] Help Please :-)

Yahoo group: FT897 (2010)
Date: 2010-04-02 11:55:03 UTC
From: Danny Loyd
Topic: 29581 Message: 29586

When you order the program and cable, you get the DATA cable which fits into the Data port on the back of the FT897. The other cable is for controlling your radio for Ham Radio Deluxe and other programs and plugs into CAT port on the back of the Radio. Would suggest you get the AT-897 tuner from LDG and then the CAT cable plugs into back of tuner.

KE5WDI
Danny

From: Trixter aka Bret McDanel <trixter@0xdecafbad.com>
To: FT897@yahoogroups.com
Sent: Thu, April 1, 2010 6:18:59 PM
Subject: Re: [FT897] Help Please :-)

On Thu, 2010-04-01 at 21:26 +0000, radiobuff777 wrote:
>
> There is also a Computer Interface Cable, which I assume allows you to
> talk to the computer with the radio. Here's my question...if I get the
> programming/ software cable, do I still need the Interface Cable?
>

The cable, which can be obtained separately or made yourself, is
required to connect the serial port to the CAT/Data port of the radio.

I for example have two cables, one is for the DATA port, which lets me
press the PTT, get audio in/out, etc. I use this for packet. I have
another cable which does serial and wrote a perl library which is freely
available so that others may write their own software (perl is available
for windows, osx, linux, bsd, ... virtually all platforms).
http://www.0xdecafb ad.com/FT8XXCAT. html

> I have a Rigblaster Pro at home which I would like to use with the
> 897.
>

not familiar with that, if it has a serial (rs232/usb) end for your
computer and a CAT/Data end for the radio it should work providing it
connects in a way the software understands.

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

29587. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-02 14:12:45 UTC
From: John Faughn
Topic: 29568 Message: 29587

That's why I asked , some specialty outfits are way over priced .
This is a option ,
http://www.dxengineering.com/default.asp?DeptID=19
About $69 .
John
kd0cac

On Fri, Apr 2, 2010 at 3:17 AM, <josedouglas@...> wrote:

>
>
> Price is 319 Euro, a bit steep for me.
>
> Cheers!
>
> Jose
> KB1TCD
>
>
> _____
> From: Trixter aka Bret McDanel <trixter@...<trixter%400xdecafbad.com>
> >
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Thu, April 1, 2010 10:14:30 AM
> Subject: Re: [FT897] RF Systems Power Isolator
>
> On Thu, 2010-04-01 at 07:30 -0600, John Faughn wrote:
> > You did not ask price ?
>
> That is correct, I wanted to know how well it performs not how much it
> is.
>
>
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29588. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-02 14:24:27 UTC
From: Carl Wulfestieg
Topic: 29568 Message: 29588

Unless I looked at the wrong site, the United States dealer is showing it at $469?
73 Carl WZ4CW, SKCC 918, FISTS 13491

29589. RADIO WILL NOT CLONE

Yahoo group: FT897 (2010)
Date: 2010-04-02 12:53:54 UTC
From: ve5tlwhite2000
Topic: 29589 Message: 29589

Any ideas why the radio will not allow cloning. When the MODE buttons are pushed when powering up, the radio does not emit the three tones, indicating it is ready to receive or transmit the data.

29590. Re: [FT897] RF Systems Power Isolator

Yahoo group: FT897 (2010)
Date: 2010-04-02 19:55:24 UTC
From: Trixter aka Bret McDanel
Topic: 29568 Message: 29590

On Fri, 2010-04-02 at 08:12 -0600, John Faughn wrote:
> That's why I asked , some specialty outfits are way over priced .
> This is a option ,
> http://www.dxengineering.com/default.asp?DeptID=19

That does not physically isolate the radio from the antenna. With the other device there is no current path for lightning to travel through. I did not want to talk about price, which is what this thread seems to have turned into. I wanted to know if anyone had hands on experience with that particular item and if it worked as advertised.

thanks
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29591. IPO/ATT toggle

Yahoo group: FT897 (2010)
Date: 2010-04-02 04:15:55 UTC
From: Frank
Topic: 29591 Message: 29591

Hi group members. I own both the FT 817 and FT 897d and notice that on the 817 I can select both the IPO and ATT at the same time but on the 897 I can select either IPO or ATT on the multi function but not both at the same time. Is this a normal condition for the 897D??
Frank

29592. Re: [FT897] Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-04-01 08:16:08 UTC
From: Martin Usher
Topic: 29552 Message: 29592

Hi,

2 things I noticed on your video. The RF power setting is far too high. Psk31 as with all digital modes is a continuous mode and you run the risk of damaging your rig running more than 50% of the maximum output ie don't use more than 50w. Also you need to have your meter set on alc as any alc at all will make your signal wide on the waterfall and potentially bleed over other people.

I use portaudio with no problems. I suggest trying that setting, you just need to select the USB soundcard in your Signalink for capture and playback. Also in soundcard configuration click on the mixer tab and check the manage mixer box. This will give you TX and RX volume controls on the fldigi GUI. When transmitting move the slider up carefully until alc shows on the meter and back it off til it disappears. If no alc then you still have a problem. It will either be with soundcard settings or the audio out is not getting to the correct pin on your 897.

73 de M6MJU

On 01/04/2010 00:00, gbongi1 wrote:
>
> Current configuration:
>
> 036 = 0
> 037 = 30
> 038 = psk31-U
> 039 = 0
> 040 = 50
> 075 = 100
> 088
>
> 061 = pwr
> mfi[b] = mod
>
> Here is a video of what is happening
>
> http://www.youtube.com/watch?v=CX9DZ-ujDvs
> <http://www.youtube.com/watch?v=CX9DZ-ujDvs>
>
> I am also using pulseaudio. Maybe I should take a video of that too.
>
> Thanks for your help.
> 73
> Ki4LUI

>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "jcglt"
> <jcjglt@...> wrote:
> >
> > Here are my settings with a FT897D, a SignaLink USB, fldigi3.20.0b8
> and Ubuntu Karmic 9.10 :
> > 36 OHz
> > 37 30
> > 38 PSK31-U
> > 39 OHz
> > 40 50
> > 75 100
> > 88 50
> > And the total system works nicely.
> > 73s JC FK8IH
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "gbongi1" <gbongi1@> wrote:
> > >
> > > I posted this in both signalink and ft897 yahoo groups. i hope the
> moderators are ok with that.
> > >
> > > Ok I have been working on trying to tx on digi for some time now. I
> > ....
> >
>
>

[Non-text portions of this message have been removed]

29593. Re: [FT897] IPO/ATT toggle

Yahoo group: FT897 (2010)
Date: 2010-04-02 22:32:42 UTC
From: John
Topic: 29591 Message: 29593

yes I am afraid so,

John GM3ZXG
----- Original Message -----
From: Frank
To: FT897@yahoogroups.com
Sent: Friday, April 02, 2010 5:15 AM
Subject: [FT897] IPO/ATT toggle

Hi group members. I own both the FT 817 and FT 897d and notice that on the 817 I can select both the IPO and ATT at the same time but on the 897 I can select either IPO or ATT on the multi function but not both at the same time. Is this a normal condition for the 897D??
Frank

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.800 / Virus Database: 271.1.1/2785 - Release Date: 04/02/10 07:32:00

[Non-text portions of this message have been removed]

29594. CAT PORT / BEEP TONE HELP NEEDED

Yahoo group: FT897 (2010)
Date: 2010-04-03 00:49:12 UTC
From: ap2dkh
Topic: 29594 Message: 29594

Dear ALL,
As I mentioned in my previous requests that the 897 does not communicate with the computer.I have got a clue and some observations that the beep tone which comes while changing mode,band etc becomes distorted i.e it is not clear as it should be.As long as the beep tone is distorted the FT897 does not communicate with the computer. Some time after reseting the radio the tone becomes clear and at the same time it starts communicating with computer. Some time it does not become clear after many times reseting and even after master reseting.
However if the beep tone is clear the radio communicate with the computer and if distorted then no communication with computer.Further more the voltages at the cat port pin 4 are 5volt which are present all the times, BUT the voltages at pin 5 are 2.5 and these are not present all the times. These are present only when the beep tone is clear and the radio communicate with the computer.I have compared it with another FT897 in which the 5 volt are present all the times at pin 4 and 5 of the cat port.
Please guide and help me in diagnosing the fault.
Regards Dr.Khalid de AP2DKH

29595. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-03 05:46:49 UTC
From: ft100guy
Topic: 29459 Message: 29595

I have owned quite a few 857's (electrically the same as an 897) and I just ran into this on a 2008 vintage one. The static comes and goes on this particular one and could be there one day and not the next. Anyway, it sounds like static crashes to the 10th magnitude on every band including 2m and 440. If you check around, it seems to be with 2007 thru 2009 vintage 857's and 897's so I suspect a bad run of a particular part or parts. If they replaced the ceramic filter and it cured it, I would believe it. One guy placed .01mfd caps on his filters and this cured it as well. I guess Murata had a bad run as this is typically the supplier of ceramic filters to Yaesu. Incidently, I have a mechanical filter installed and it happens. My guess is that it is way up the chain and not the ordinary ceramic filter (2.6) since it happens on every band in every mode with mine. It is so bad that it affects the S-meter as well. Then the next minute its gone! Richy N2ZD

29596. RE: [FT897] Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-03 06:46:45 UTC
From: Joseph Richard
Topic: 29459 Message: 29596

I had the same problem and sent mine off to Yaesu and they replaced several filters, a diode and one or two transistors.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ft100guy
Sent: Saturday, April 03, 2010 12:47 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: S9 noise with no antenna attached

I have owned quite a few 857's (electrically the same as an 897) and I just ran into this on a 2008 vintage one. The static comes and goes on this particular one and could be there one day and not the next. Anyway, it sounds like static crashes to the 10th magnitude on every band including 2m and 440. If you check around, it seems to be with 2007 thru 2009 vintage 857's and 897's so I suspect a bad run of a particular part or parts. If they replaced the ceramic filter and it cured it, I would believe it. One guy placed .01mfd caps on his filters and this cured it as well. I guess Murata had a bad run as this is typically the supplier of ceramic filters to Yaesu. Incidently, I have a mechanical filter installed and it happens. My guess is that it is way up the chain and not the ordinary ceramic filter (2.6) since it happens on every band in every mode with mine. It is so bad that it affects the S-meter as well. Then the next minute its gone! Richy N2ZD

Yahoo! Groups Links

29597. S8 when connected to Laptop

Yahoo group: FT897 (2010)
Date: 2010-04-03 07:27:50 UTC
From: skippy_in_space
Topic: 29597 Message: 29597

Have started to play with HRD with the FT897 through my laptop but when connected Background static goes from S0 to S6-8. What can I do to get it back to S0 (Its hard enough to make contacts with 50w)

Equipment -

Radio - FT897
Computer - Rock laptop, plugged into mains, with a wifi connection
Cable - Cat cable into a serial usb connector
Software - HRD
Antenna - MFJ Magloop and auto tuner
Power - 50w

Any suggestions, I am currently looking for a cheap / refurb / second hand laptop / notebook for this opperation but it might be a few months before I get funding, So I'm open to any suggestions for this as well.

Thanks for your help

2M0BVN (Dont know why but when contesting I get M0BVN or 2M0BWN)

Ian

29598. Re: [FT897] S8 when connected to Laptop

Yahoo group: FT897 (2010)
Date: 2010-04-03 07:45:48 UTC
From: Richard Corfield
Topic: 29597 Message: 29598

I wonder if the laptop (or its serial adapter) disagrees with the radio as to what voltage earth is at. Does the problem go away when either (preferably the laptop) are on battery?

- Richard

On 3 April 2010 08:27, skippy_in_space <skippyinspace@...> wrote:

>
>
> Have started to play with HRD with the FT897 through my laptop but when
> connected Background static goes from S0 to S6-8. What can I do to get it
> back to S0 (Its hard enough to make contacts with 50w)
>
> Equipment -
>
> Radio - FT897
> Computer - Rock laptop, plugged into mains, with a wifi connection
> Cable - Cat cable into a serial usb connector
> Software - HRD
> Antenna - MFJ Magloop and auto tuner
> Power - 50w
>
> Any suggestions, I am currently looking for a cheap / refurb / second hand
> laptop / notebook for this opperation but it might be a few months before I
> get funding, So I'm open to any suggestions for this as well.
>
> Thanks for your help
>
> 2M0BVN (Dont know why but when contesting I get M0BVN or 2M0BWN)
>
> Ian
>
>
>

[Non-text portions of this message have been removed]

29599. Re: [FT897] S8 when connected to Laptop

Yahoo group: FT897 (2010)
Date: 2010-04-03 07:47:40 UTC
From: Richard Corfield
Topic: 29597 Message: 29599

... Alternatively the DC-DC converted in the serial adapter? The one I have outputs at +-5V, so still has a DC-DC converter to achieve that. If the noise is from there it would be detectable by bringing it close to the radio/antenna while not connected to it.

- Richard

[Non-text portions of this message have been removed]

29600. Re: CAT CONTROL VERSUS BEEP TONE

Yahoo group: FT897 (2010)
Date: 2010-04-03 12:35:01 UTC
From: Hussain
Topic: 29567 Message: 29600

Dar AP2DKH,
it is very strange,
very hard to find out the exect poit where the any component changes its value, you need a very sufesticated equiped Lab to repare this Tranceiver.
i sugest not to operate with out reparing or replacing the pcb.

GL.
ap2gh

--- In FT897@yahoogroups.com, "ap2dkh" <ap2dkh@...> wrote:
>
> Dear ALL,
> As I mentioned in my previous requests that the 897 does not communicate with the computer.I have got a clue that the beep tone which comes while changing mode,band etc becomes distorted i.e it is not clear as it should be.As long as the beep tone is distorted the FT897 does not communicate with the computer. Some time after reseting the radio the tone becomes clear and at the same time it starts communicating with computer. Some time it does not become clear after many times reseting and even after master reseting.
> However if the beep tone is clear the radio communicate with the computer and if distorted then no communication with computer.
> Please guide and help me in diagnosing the fault.
> Regards Dr.Khalid de AP2DKH
>

29601. Re: Ft 897, Signalink USB, Fldigi on Linux (Debian): Transmitting Issues.

Yahoo group: FT897 (2010)
Date: 2010-04-03 17:36:01 UTC
From: gbongi1
Topic: 29552 Message: 29601

> 2 things I noticed on your video. The RF power setting is far too high.
> Psk31 as with all digital modes is a continuous mode and you run the
> risk of damaging your rig running more than 50% of the maximum output ie
> don't use more than 50w.

I thought that the rf power was too high.
2 folks on the boards were saying that the power should be set to 100.
I always thought that was too high and not necessary. Re set to 5 w

>Also you need to have your meter set on alc as
> any alc at all will make your signal wide on the waterfall and
> potentially bleed over other people.

OK that us set and I will monitor that.

>
> I use portaudio with no problems. I suggest trying that setting, you
> just need to select the USB soundcard in your Signalink for capture and
> playback.

Under fldigi configuration:
configure > soundcard.

"devices" tab with "PortAudio" radio button clicked.
"capture" = USB audio Codec: USB Audio (hw:2,0)
"playback" = USB audio Codec: USB Audio (hw:2,0)

> Also in soundcard configuration click on the mixer tab and
> check the manage mixer box. This will give you TX and RX volume controls

"mixer" tab has "OSS mixer"
"manage" bu not tx or rx volume

This video might be hard to see because of compression.
http://www.youtube.com/watch?v=zAJFBJJiBvg

I don;t see the tx/rx volume controls

> on the fldigi GUI. When transmitting move the slider up carefully until
> alc shows on the meter and back it off til it disappears. If no alc then

I am not sure I have the same sliders?

> you still have a problem. It will either be with soundcard settings

The sound card setting in Linux right?

> the audio out is not getting to the correct pin on your 897.

I have a tigertronics 6 pin dim along with the new pin module made for my radio.

I ordered those thinking that I may have made a bad cable or my pin jumpers are wrong.

I will keep plugging away at it. I appreciate any help you can provide.

73
ki4lui

29602. Re: Unwell FT-897D

Yahoo group: FT897 (2010)
Date: 2010-04-03 22:48:58 UTC
From: agentdurden2002
Topic: 29473 Message: 29602

In case anyone else gets the same symptoms.

I've tracked the problem down to the eeprom.
Replaced it and everything is back to normal.

29603. Menu 72 - 1mA in external meter

Yahoo group: FT897 (2010)
Date: 2010-04-03 23:55:21 UTC
From: PY5VB-Villas Boas
Topic: 29597 Message: 29603

Hi All:

My FT897D not put 1mA in external miliamperimeter (via service menu, item 72).
It´s possible same adjust ?

Tnx.

Villas PY5VB

[Non-text portions of this message have been removed]

29604. Re: [FT897] Menu 72 - 1mA in external meter

Yahoo group: FT897 (2010)
Date: 2010-04-04 00:03:33 UTC
From: PY5VB-Villas Boas
Topic: 29597 Message: 29604

In complement:

It´s puts about 0,9 mA, not 1mA

Villas - PY5VB

Em 03/04/2010 20:55, PY5VB-Villas Boas escreveu:
>
> Hi All:
>
> My FT897D not put 1mA in external miliamperimeter (via service menu,
> item 72).
> It´s possible same adjust ?
>
> Tnx.
>
> Villas PY5VB
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29605. Re: [FT897] Menu 72 - 1mA in external meter

Yahoo group: FT897 (2010)
Date: 2010-04-04 00:07:51 UTC
From: DALE
Topic: 29597 Message: 29605

Use a 500 micro amp meter and a adjustment pot.
dale

----- Original Message -----
From: "PY5VB-Villas Boas" <py5vb@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 3, 2010 5:03:33 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Menu 72 - 1mA in external meter

In complement:

It´s puts about 0,9 mA, not 1mA

Villas - PY5VB

Em 03/04/2010 20:55, PY5VB-Villas Boas escreveu:
>
> Hi All:
>
> My FT897D not put 1mA in external miliamperimeter (via service menu,
> item 72).
> It´s possible same adjust ?
>
> Tnx.
>
> Villas PY5VB
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29606. Distorted beep tone, NO voltages on RXD mini din

Yahoo group: FT897 (2010)
Date: 2010-04-04 00:59:19 UTC
From: ap2dkh
Topic: 29606 Message: 29606

Dear ALL,
As I mentioned in my previous requests that the 897 does not communicate with the computer.I have got a clue and some observations that the beep tone which comes while changing mode,band etc becomes distorted i.e it is not clear as it should be.As long as the beep tone is distorted the FT897 does not communicate with the computer. Some time after reseting the radio the tone becomes clear and at the same time it starts communicating with computer. Some time it does not become clear after many times reseting and even after master reseting.
However if the beep tone is clear the radio communicate with the computer and if distorted then no communication with computer.Further more the voltages at the cat port pin 4 are 5volt which are present all the times, BUT the voltages at pin 5 are 0volt and these are not present all the times. These are present only when the beep tone is clear and the radio communicate with the computer.I have compared it with another FT897 in which the 5 volt are present all the times at pin 4 and 5 of the cat port.
Please guide and help me in diagnosing the fault.

29607. ANTENNA TUNER NEEDED

Yahoo group: FT897 (2010)
Date: 2010-04-04 13:32:33 UTC
From: MM Ali
Topic: 29607 Message: 29607

Hi,

Have just acquired a FT 897.

Anyone has [or knows someone who has] fc-707 Antenna Tuner or any Tuner which looks like and performs like FC-707? Please email me off-list the price.

73

MM Ali/vu2ali

29608. ft 897d no tx uhf

Yahoo group: FT897 (2010)
Date: 2010-04-04 14:19:11 UTC
From: ve2whz
Topic: 29608 Message: 29608

hi a planed to buy the ft987d

the owener is talk me
no tx in uhf

what is the test to make looking the probleme

in vhf and uhf i sthe same transitor out put

the price is 450 us

is great deal

Pascal

29609. 5Z4EME on YouTube

Yahoo group: FT897 (2010)
Date: 2010-04-05 09:35:09 UTC
From: Bernard
Topic: 29609 Message: 29609

Hi all,
A friend of mine has put some movies they made of their EME Expedition to Kenia on YouTube.
If you interrested the links are here:

On YouTube are a couple of short movies made by PA3CEE:
We stayed near Sondu. After the big pile-ups we relaxed in the viillage, see the 5 movies:
http://www.youtube.com/watch?v=R5mf5kj7xpM
http://www.youtube.com/watch?v=Qj-meOw65CA
http://www.youtube.com/watch?v=4jjSOjAN9DU
http://www.youtube.com/watch?v=6SxgzlqNqVw
not to forget the Easter Procession: http://www.youtube
com/watch?v=N_LopVymW1c

☐
73's and Good DX

Bernard de PD7BZ
http://pd7bz.blogspot.com/
http://www.pd7bz.nl
DMC #1161 - EPC #3647 NL01 - HF #1508 - BCS #412 - OBC#131 - PODXS 070 #951
QSL via LoTW , Buro , Direct , eQSL

[Non-text portions of this message have been removed]

29610. PI9CAM SSTV via EME on YouTube

Yahoo group: FT897 (2010)
Date: 2010-04-05 11:47:58 UTC
From: Bernard
Topic: 29610 Message: 29610

Hi all,
A friend of mine has put some movies they made of their SSTV via EME on YouTube.
It's made with the 25 meter Dish at Dwingeloo,the Netherlands PI9CAM.
If you interrested the links are here:

http://www.youtube.com/watch?v=N3JGXdVQM_0&feature=related
http://www.youtube.com/watch?v=Fooel01YZBE&feature=related
http://www.youtube.com/watch?v=BMqQC7RbTJQ&feature=related
http://www.youtube.com/watch?gl=NL&v=WTiVzrbXuPM
☐
73's and Good DX

Bernard de PD7BZ
http://pd7bz.blogspot.com/
http://www.pd7bz.nl
DMC #1161 - EPC #3647 NL01 - HF #1508 - BCS #412 - OBC#131 - PODXS 070 #951
QSL via LoTW , Buro , Direct , eQSL

[Non-text portions of this message have been removed]

29611. "tune" function (not part of a tuner) and 897D marking Qs

Yahoo group: FT897 (2010)
Date: 2010-04-05 19:46:13 UTC
From: ke0ms
Topic: 29611 Message: 29611

All,

I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.

Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.

A different question: Based on purchase date (new) of November 2009, I bought an 897D from a dealer *allegedly*, but when I look on the side of the radio, it only says FT-897. Did they not mark the actual 897D units differently by adding the "D" to the model number on the sticker? I dont have the radio here to post the serial number for analysis that way.

Thank you all.
Wayne, ke0ms

29612. Re: [FT897] "tune" function (not part of a tuner) and 897D marking Qs

Yahoo group: FT897 (2010)
Date: 2010-04-05 19:57:44 UTC
From: josedouglas@yahoo.com
Topic: 29611 Message: 29612

Wayne,

I can answer only the second part of your question, no, Yaesu didn't label them with the "D", but if your rig can get 60 metres, then you have the newer version.
We got our rig around the same time as you, end of October I think, and it's an 897D.

Cheers!

Jose
KB1TCD

From: ke0ms <pilotguy1050@...>
To: FT897@yahoogroups.com
Sent: Mon, April 5, 2010 3:46:13 PM
Subject: [FT897] "tune" function (not part of a tuner) and 897D marking Qs

All,

I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.

Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.

A different question: Based on purchase date (new) of November 2009, I bought an 897D from a dealer *allegedly*, but when I look on the side of the radio, it only says FT-897. Did they not mark the actual 897D units differently by adding the "D" to the model number on the sticker? I dont have the radio here to post the serial number for analysis that way.

Thank you all.
Wayne, ke0ms

[Non-text portions of this message have been removed]

29613. RE: [FT897] "tune" function (not part of a tuner) and 897D marking Qs

Yahoo group: FT897 (2010)
Date: 2010-04-05 20:00:44 UTC
From: Dennis
Topic: 29611 Message: 29613

If I understand you, you are looking for something to send a carrier in order to adjust settings with a tuner without having to manually press a ptt or tap the cw key. Am I correct? If so, there is no "tune" function for what I believe you are asking. The "tune" button you saw is to select either the tuner (or turn it on/off) or linear option on the cable (I think - without having the book in front of me). It would be nice to have a "tune" function for what you are asking, I agree.

And, No, they didn't put the "D" even on the newer production rigs. However, I am with you that they should have. Only way to figure what production you have is to decipher the serial number. That was posted here not too long ago.

Hope this helps.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ke0ms
Sent: Monday, April 05, 2010 2:46 PM
To: FT897@yahoogroups.com
Subject: [FT897] "tune" function (not part of a tuner) and 897D marking Qs

All,

I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.

Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.

A different question: Based on purchase date (new) of November 2009, I bought an 897D from a dealer *allegedly*, but when I look on the side of the radio, it only says FT-897. Did they not mark the actual 897D units differently by adding the "D" to the model number on the sticker? I dont have the radio here to post the serial number for analysis that way.

Thank you all.
Wayne, ke0ms

[Non-text portions of this message have been removed]

29614. Re: [FT897] "tune" function (not part of a tuner)

Yahoo group: FT897 (2010)
Date: 2010-04-05 20:44:14 UTC
From: Dean Gibson AE7Q
Topic: 29611 Message: 29614

To answer your first question:

The "ACC" 1/8in jack on the back will (with a home-built cable plugged in) signal the radio to emit a carrier (some brands of semi-automatic tuners (eg, LDG) use a cable from the tuner to this jack to accomplish this). See page 18 of the FT-897D manual for details.

-- Dean

On 2010-04-05 12:46, ke0ms wrote:
> All,
>
> I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.
>
> Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.
>
> ....
>
> Thank you all.
> Wayne, ke0ms
>
>

29615. FT-897 & FC-30

Yahoo group: FT897 (2010)
Date: 2010-04-05 21:56:20 UTC
From: Donald
Topic: 29615 Message: 29615

Has anyone had success running a FT-897 / FC-30 tuner thru a Cat-Mate so to run the tuner and HRD ?

29616. '897 as a weather sat RX

Yahoo group: FT897 (2010)
Date: 2010-04-05 22:22:00 UTC
From: David Harris
Topic: 29616 Message: 29616

In case anyone has not tried this yet - here's an example of a weather sat capture using my FT897nd.

http://g0cer.blogspot.com/2010/04/weather-sat-images-first-reasonable.html

(watch the wrap)

I've been using wx2img software which works great on Linux and Windows.

I made a pair of crossed dipoles for inside the loft - but can't get up there to fit them yet, so used my vertical colinear which is meant for 50/144/432MHz and I also found out an old Microwave Modules 2 meter pre-amp - as it was all I had yet - it gave some gain on 137 (anything is better than nothing!).

The registered version WX2Img will control your 897 (it's one of the many selectable choices). I'm not sure about un-reg version - I never thought of trying it then. So to going, get wx2img to update the Keplers off the net and set it to auto record and leave it to get on with it. I pre-tuned the radio to 137.5 and when it kicked off auto-record the radio jumped above 137.5 and gradually fell at the sat passed.

I've played through this Easter break and gradually improving things and the above was the picture I'm most pleased with. I've not tried the control with the Linux version yet - I'm just pleased to be getting better images so far. I'm stuffed for 137.62 as the pager network infects this area at S9.

WX2Img is at http://www.wxtoimg.com/ and the un-reg one functions - the reg on has improvements for narrow bandwidth receivers and lots otherstuff.

I thought I'd report here on what I've done and hope this is of interest.. Good luck to anyone else who tries it too.

Dave H G0CER

29617. Re: "tune" function (not part of a tuner) and 897D marking Qs

Yahoo group: FT897 (2010)
Date: 2010-04-06 13:02:53 UTC
From: JonP
Topic: 29611 Message: 29617

There's no tune button that I know of.

What I usually do to tune (when I don't have a CW key present) is to set the radio to AM and hold the Push To Talk button. That sends out a carrier which can be used for tuning. Just make sure that you're at low power because (a) AM is continuous duty and you don't want to blow the finals, and (b) you want to minimize your RF pollution on the band.

There is a setting so that one of the buttons on the microphone can be used in place of a key on CW. I haven't tried that but it should give you the same effect if you set the radio to CW.

Jon
KB1QBZ
--- In FT897@yahoogroups.com, "ke0ms" <pilotguy1050@...> wrote:
>
> All,
>
> I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.
>
> Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.
>
> A different question: Based on purchase date (new) of November 2009, I bought an 897D from a dealer *allegedly*, but when I look on the side of the radio, it only says FT-897. Did they not mark the actual 897D units differently by adding the "D" to the model number on the sticker? I dont have the radio here to post the serial number for analysis that way.
>
> Thank you all.
> Wayne, ke0ms
>

29618. MARS mod for US FT-897d

Yahoo group: FT897 (2010)
Date: 2010-04-06 14:01:29 UTC
From: Jeremy - N4JIK
Topic: 29618 Message: 29618

Good morning, I wonder if anyone has a good MARS mod for the FT-897d, I have received my authorization so need to be able to get on the nets now. Thanks!

Jeremy

N4JIK formerly KD4LCR/7J6CEM

Fort Benning, GA/Phenix City, AL

Triple Play Award #327

"The true soldier fights not because he hates what is in front of him, but because he loves what is behind him." G. K. Chesterton

[Non-text portions of this message have been removed]

29619. Re: Help Please :-)

Yahoo group: FT897 (2010)
Date: 2010-04-07 01:36:41 UTC
From: radiobuff777
Topic: 29581 Message: 29619

Thanks Bram.

--- In FT897@yahoogroups.com, "bram.pe2ek" <peek0101@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "radiobuff777" <radiobuff777@> wrote:
> >
> > Hey Gang,
> >
> > Just a quick question which I am sure any number of you can answer. I am about to order my first FT897. As I am looking at the list of accessories, I notice there is a programming/software cable, which I understand.
> >
> > There is also a Computer Interface Cable, which I assume allows you to talk to the computer with the radio. Here's my question...if I get the programming/software cable, do I still need the Interface Cable?
> >
> > I have a Rigblaster Pro at home which I would like to use with the 897.
> >
> > Please excuse my ignorance :-)
> >
> > Jeff, KC2DAQ
> >
> hello jeff
> if you are using the ct-62 cat cable you can use software to program the rig it uses the clone setting
>
> for soundcard modes you will need the the rigblaster or some other interface but to control the freq etc at the same time you will need a cat cable
>
> rigblaster works fine or mixw etc but there is no freq readout from the rig to the pc and back
> http://www.xggcomms.com/page4.htm quite cheap cables
>
> i am using a mfj-1275m soundcard radio interface and a ct-62 cable
> 73
> bram pe2ek
>

29620. New 897

Yahoo group: FT897 (2010)
Date: 2010-04-07 01:39:30 UTC
From: radiobuff777
Topic: 29620 Message: 29620

Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.

29621. RE: [FT897] New 897

Yahoo group: FT897 (2010)
Date: 2010-04-07 12:25:22 UTC
From: K4UOL
Topic: 29620 Message: 29621

Congratulations, I have had mine going 2 years and am always amazed at just how versatile it is, ENJOY.

73 K4UOL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of radiobuff777
Sent: Tuesday, April 06, 2010 21:40
To: FT897@yahoogroups.com
Subject: [FT897] New 897

Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.

Yahoo! Groups Links

29622. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-07 12:26:49 UTC
From: Hank
Topic: 29620 Message: 29622

Congrats. When I got my 897D I was completely overwhelmed. My other HF rigs were tube rigs, no DSP, data, or menus. I feel like I have finally settled into this radio, and I am happier today with the rig that I was the day I brought it home. I actually enjoyed the process of figuring out the menus and settings. I love this rig!

One thing that helped was to go through and hide all of the menu settings that I did not need to adjust. That way when I scrolled through the menus, I could focus on just the menus that I needed to figure out. DSP was the most difficult for me because I had never used it and I didn't understand what each setting was doing. I still don't have a thorough grasp of what it's doing, but the current settings have it sounding good.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "radiobuff777" <radiobuff777@...> wrote:
>
> Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.
>

29623. FT-897-D

Yahoo group: FT897 (2010)
Date: 2010-04-07 15:50:43 UTC
From: cinninnatti
Topic: 29623 Message: 29623

GENTELMAN WHEN USING CW SHOULD MENUE ITEM 22 BE ON OF OFF OR SHOULD IT REMAIN IN OFF.
I HAVE MENUE 25 ON NORMAL, AND MENUE 26 ON ELECT KEY
MENUE J TO KEYER ON .

PLEASE HELP
THANK YOU
KG6UGS

29624. FOR SALE: LDG AT-897 AUTOTUNER

Yahoo group: FT897 (2010)
Date: 2010-04-07 16:21:07 UTC
From: w6ur
Topic: 29624 Message: 29624

Hi all,

I have for sale the above ATU for the Yaesu FT-897/FT-897D. This tuner has a much wider tuning range than the Yaesu FC-30 and is in perfect condx w/ all cables, manual and original box. Price $125.00 Postal money order only, delivered CONUS. Sorry no trades.

If interested please contact me off line.

Thanks, Lou - W6UR

29625. Re: [FT897] FT-897-D

Yahoo group: FT897 (2010)
Date: 2010-04-07 16:28:59 UTC
From: Ron Bondy
Topic: 29623 Message: 29625

Hi KG6UGS,

I have menu 22 set to 'off', because I don't want to transmit cw when I'm in SSB mode.

Menu 25 on normal and 26 to elect key is correct to use a keyer.

I'm assuming that your problem is that nothing happens when you use your electronic keyer.

Is the mode set to CW?

What is multi function row 'j', key B set to? This key turns keying on and off for full break in.

What do you have menu 24 set to? Are you using full break in? This is how I operate.

73's,

Ron, AD0DX

From: cinninnatti <cinninnatti@...>
To: FT897@yahoogroups.com
Sent: Wed, April 7, 2010 10:50:43 AM
Subject: [FT897] FT-897-D

GENTELMAN WHEN USING CW SHOULD MENUE ITEM 22 BE ON OF OFF OR SHOULD IT REMAIN IN OFF.
I HAVE MENUE 25 ON NORMAL, AND MENUE 26 ON ELECT KEY
MENUE J TO KEYER ON .

PLEASE HELP
THANK YOU
KG6UGS

[Non-text portions of this message have been removed]

29626. Re: FT-897-D

Yahoo group: FT897 (2010)
Date: 2010-04-07 16:44:59 UTC
From: cinninnatti
Topic: 29623 Message: 29626

--- In FT897@yahoogroups.com, Ron Bondy <ad0dx@...> wrote:
>
> Hi KG6UGS,
>
> I have menu 22 set to 'off', because I don't want to transmit cw when I'm in SSB mode.
>
> Menu 25 on normal and 26 to elect key is correct to use a keyer.
>
> I'm assuming that your problem is that nothing happens when you use your electronic keyer.Â
>
> Is the mode set to CW?
>
> What is multi function row 'j', key B set to?Â This key turns keying on and off for full break in.
>
> What do you have menu 24 set to?Â Are you using full break in?Â This is how I operate.
>
> 73's,
>
> Ron, AD0DX
>
>
>
> _____
> From: cinninnatti <cinninnatti@...>
> To: FT897@yahoogroups.com
> Sent: Wed, April 7, 2010 10:50:43 AM
> Subject: [FT897] FT-897-D
>
> Â
> GENTELMAN WHEN USING CW SHOULD MENUE ITEM 22 BE ON OF OFF OR SHOULD IT REMAIN IN OFF.
> I HAVE MENUE 25 ON NORMAL, AND MENUE 26 ON ELECT KEY
> MENUE J TO KEYER ON .
>
> PLEASE HELP
> THANK YOU
> KG6UGS
>
> Hi Ron thanks, yes it seems I have it the way you said to do, I turned menue 22 to off. multi function key j is on (BK) (kyr) , when I press A I Get the tone SO I GUESS I AM GOOD TO GO.
Conditions here on the Mojave Desert in Victorville CA are like NONE, even HF is seldom, but then all of a sudden NY and east Coast come in

Thank you for your Help
Jack KG6UGS
>
> [Non-text portions of this message have been removed]
>

29627. Re: [FT897] Re: FT-897-D

Yahoo group: FT897 (2010)
Date: 2010-04-07 16:58:34 UTC
From: Ron Bondy
Topic: 29623 Message: 29627

Hi Jack,

When you transmit, does the light above the display turn red? The side tone is only a tone, it does not transmit.

Cheers,

Ron, AD0DX

[Non-text portions of this message have been removed]

29628. Re: FT-897-D

Yahoo group: FT897 (2010)
Date: 2010-04-07 17:09:25 UTC
From: cinninnatti
Topic: 29623 Message: 29628

yes Ron it does , and I really thank you, if you ever need any Beef , lamb, Pork questions I can help you .
Union Meat cutter retired 32 years

--- In FT897@yahoogroups.com, Ron Bondy <ad0dx@...> wrote:
>
> Hi Jack,
>
> When you transmit, does the light above the display turn red? The side tone is only a tone, it does not transmit.
>
> Cheers,
>
> Ron, AD0DX
>
>
>
>
> [Non-text portions of this message have been removed]
>

29629. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 09:36:45 UTC
From: wa4zvg
Topic: 29620 Message: 29629

Hank,

Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any money if the average ham could repair his own rig and then again, you would be really hard pressed to actually find any of these new hams that actually COULD fix any of the older radio's. They could actually save some money by just leaving off the CW mode on these newer rigs, because these new hams couldn't send an SOS on CW on a sinking ship to save their lives!! Isn't it amazing that us older hams actually got on the air with the old tubes rigs at all?? !!! We did OK, and not only survived with them, but thrived with them. You get on HF now with an old analog HF tube rig and are off 10 HZ and these new digital boys are gonna let you know it. IMMEDIATELY. About 10 of them will jump in there are tell you that you are off frequency!! In the old days we would simply reach down and turn the clarifier and not say a word and go on with the conversation. These new ones will look at you today and ask?? Whats a clarifier?? Amazing. When the only requirement to get a license now days is to memorize a few simple questions and answers and sign your name to the answer booklet to get a license I guess they had to come out with radio's like the 897, 1000 and 2000 with all those menus so the built in digital programs can tune the radio for them. For years I gave the CB'ers hell, but you know I actually owe them a big apology. They BEHAVE 100 X better than most of these new hams on HF. Just listen on ANY given night on 80 meters on say 3810 or 3843. Again, when they dummy down the requirements for a license just to attract people to the hobby in order to sell radio's, thats the kind of operators you get. In our own call area, the 4 call area, they are on the KJ4 xxx already and are down to about the KJ$t (XX) already in the course of about 4 months. Go to QRZ or any call sign database and just plug any 3 letters in after the KJ4 and you will be very very very lucky to come up with a license class where they actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> Congrats. When I got my 897D I was completely overwhelmed. My other HF rigs were tube

rigs, no DSP, data, or menus. I feel like I have finally settled into this radio, and I am happier today with the rig that I was the day I brought it home. I actually enjoyed the process of figuring out the menus and settings. I love this rig!
>
> One thing that helped was to go through and hide all of the menu settings that I did not need to adjust. That way when I scrolled through the menus, I could focus on just the menus that I needed to figure out. DSP was the most difficult for me because I had never used it and I didn't understand what each setting was doing. I still don't have a thorough grasp of what it's doing, but the current settings have it sounding good.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "radiobuff777" <radiobuff777@> wrote:
> >
> > Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.
> >
>

29630. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 12:31:50 UTC
From: Steve Yates
Topic: 29620 Message: 29630

Why don't you just tell us how you really feel Hank?

73,
Steve - AA5TB

"Long Live Spark"

29631. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 12:58:15 UTC
From: Hank
Topic: 29620 Message: 29631

Me? I wasn't saying anything bad about the 897, I love my 897D. I was only saying that having just used tube rigs before, it took me a while to figure out how to use DSP. My first rig was a Kenwood TS-520SE, a solid state with tube finals. My second rig I got from my grandfather W4GHA when he went SK; it was a Drake TR-4C. Regardless of any future HF rig purchases, I don't think I'll ever get rid of my 897D.

The only other thing that really stumped me with the 897D was the MD-100A8X desk mic. The first month or so I was getting rave reports on VHF/UHF, but horrible reports on HF. I was condisering going back to the included hand mic because I cannot afford a heil right at the moment. So just for grins, I was looking at the included manual (piece of paper) that came with the MD-100 and I saw a comment about using this mic with the 897 that I obviously missed when first "glancing" at the paper. It said when using the mic with the 897 and a few other models, select "bypass" on the bottom of the mic. I was using the built-in mic filters. As soon as I switched it to bypass, I jumped on the Intercon Net on 20 meters and got a great report. Since then, I have gotten quite a few positive comments about my audio quality.

I am a big Yaesu fan, but I'm a bigger fan of the 897D.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Why don't you just tell us how you really feel Hank?
>
> 73,
> Steve - AA5TB
>
> "Long Live Spark"
>

29632. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 13:27:55 UTC
From: larryhornerjr
Topic: 29620 Message: 29632

Hank,I am getting rave reports on VHF/UHF, but horrible reports on HF too, however I am using the factory hand mic (MH-31). Are there any setting somewhere I might not have correct that you or anyone els knows about that might fix this problem? I am still new and learning about the rig and the programming seems deep. I bought the the software and have my local repeater frequencies set up well. Its just on HF I am not able to make contact. I am using a buddipole antenna and can hear a lot of traffic but no contact. I am using the FC-30 tuner and no luck either. any suggestions? Thanks,

Larry - K6WXZ

29633. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 14:05:22 UTC
From: n0bnd Yahoo
Topic: 29620 Message: 29633

My 897 and I were getting good reports on VHF/UHF and bad on hf. I use the standard mike. I adjusted the ssb hf mic gain down quite a bit, to just where you could see the bar moving with meter set to alc on transmit. Fm mic gain has a setting also which I did not adjust. I get good reports now on both hf and VHF/UHF.

Joel Mueller

29634. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 14:08:32 UTC
From: Steve Yates
Topic: 29620 Message: 29634

Hi Larry,

I have found that selecting postion #2 on the back of the microphone helps a lot on SSB. It seems that the #1 position leaves too much power robbing bass response.

The real problem on HF may be your antenna. The Buddipole is not too bad on 20 m and higher frequencies but on the lower bands the efficiency really falls off, especially at the low heights most people use it at. More details about your antenna setup such as heights and frequency might be useful. Also, using an antenna tuner on a high-Q antenna like the Buddipole can be a poor combination. The antenna itself should be adjusted to work properly at the operating frequency instead of depending on a tuner at the rig. The tuner is okay to use to improve the match only after the antenna is adjusted. Without going into great detail here I'll just say that this is less of an issue with much larger antennas.

Also, because of the high sensitivity of the receiver you can usually hear well even with a very poor antenna because the external atmospheric noise is usually the limiting factor in signal to noise ratios. Hearing far away stations doesn't really give you an idea of antenna performance.

I hope this gives you some ideas to solve your problem.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "larryhornerjr" <larryhornerjr@...> wrote:
>
> Hank,I am getting rave reports on VHF/UHF, but horrible reports on HF too, however I am using the factory hand mic (MH-31). Are there any setting somewhere I might not have correct that you or anyone els knows about that might fix this problem? I am still new and learning about the rig and the programming seems deep. I bought the the software and have my local repeater frequencies set up well. Its just on HF I am not able to make contact. I am using a buddipole antenna and can hear a lot of traffic but no contact. I am using the FC-30 tuner and no luck either. any suggestions? Thanks,
>
> Larry - K6WXZ
>

29635. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 14:09:55 UTC
From: Carl Wulfestieg
Topic: 29620 Message: 29635

Larry-
Look at the back side of the mike- The "TONE" should be set to "2". Maybe that will help-
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

29636. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 14:33:52 UTC
From: Hank
Topic: 29620 Message: 29636

Here are my settings for HF SSB:

Menu #48 - DSP Mic EQ: Both.
Menu #74 - Proc Level: 30
Menu #81 - SSB Mic Gain: 85

I believe my Mic Gain (Menu 81) was lower when using the handheld mic, I think 50 if my memory serves me correctly. I also had the switch on the back set to position 2.

The best thing to do is set up the mic per peoples recommendation and then tweak them with the help of someone while in a QSO. Our recommendations will get you close, but everyone's voice is different, so having someone help you with On-Air feedback will help you get it dialed in perfect for your voice.

hth,

Hank / KB4MTO

29637. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 14:39:35 UTC
From: Stew KD5LBE
Topic: 29620 Message: 29637

Your right Robert, when they did away with spark gap transmitters they ruined HAM Radio. I remember the old 2 meter radios that took two people to pick up and you had to run the motor in the car to operate the radio, now you can operate all day with the motor off and your 5 year old grand kid can carry the radio, it is pure waste. With the right Elmer, for every Tech there is a General or Extra waiting to come out. You'll feel better about new Techs if you will take a couple under your wing and introduce them to the fun of Ham radio. I made Extra because somebody cared not just that I had a license but that I learn that there was more to Ham radio than a Tech license.

From: wa4zvg
Sent: Thursday, April 08, 2010 4:36 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: New 897

Hank,

Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any money if the average ham could repair his own rig and then again, you would be really hard pressed to actually find any of these new hams that actually COULD fix any of the older radio's. They could actually save some money by just leaving off the CW mode on these newer rigs, because these new hams couldn't send an SOS on CW on a sinking ship to save their lives!! Isn't it amazing that us older hams actually got on the air with the old tubes rigs at all?? !!! We did OK, and not only survived with them, but thrived with them. You get on HF now with an old analog HF tube rig and are off 10 HZ and these new digital boys are gonna let you know it. IMMEDIATELY. About 10 of them will jump in there are tell you that you are off frequency!! In the old days we would simply reach down and turn the clarifier and not say a word and go on with the conversation. These new ones will look at you today and ask?? Whats a clarifier?? Amazing. When the only requirement to get a license now days is to memorize a few simple questions and answers and sign your name to the ans! wer book let to get a license I guess they had to come out with radio's like the 897, 1000 and 2000 with all those menus so the built in digital programs can tune the radio for them. For years I gave the CB'ers hell, but you know I actually owe them a big apology. They BEHAVE 100 X better than most of these new hams on HF. Just listen on ANY given night on 80 meters on say 3810 or 3843. Again, when they dummy down the requirements for a license just to attract people to the hobby in order to sell radio's, thats the kind of operators you get. In our own call area, the 4 call area, they are on the KJ4 xxx already and are down to about the KJ$t (XX)

already in the course of about 4 months. Go to QRZ or any call sign database and just plug any 3 letters in after the KJ4 and you will be very very very lucky to come up with a license class where they actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> Congrats. When I got my 897D I was completely overwhelmed. My other HF rigs were tube rigs, no DSP, data, or menus. I feel like I have finally settled into this radio, and I am happier today with the rig that I was the day I brought it home. I actually enjoyed the process of figuring out the menus and settings. I love this rig!
>
> One thing that helped was to go through and hide all of the menu settings that I did not need to adjust. That way when I scrolled through the menus, I could focus on just the menus that I needed to figure out. DSP was the most difficult for me because I had never used it and I didn't understand what each setting was doing. I still don't have a thorough grasp of what it's doing, but the current settings have it sounding good.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "radiobuff777" <radiobuff777@> wrote:
> >
> > Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.
> >
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.800 / Virus Database: 271.1.1/2797 - Release Date: 04/07/10 13:32:00

[Non-text portions of this message have been removed]

29638. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 16:24:25 UTC
From: Steve Yates
Topic: 29620 Message: 29638

Sorry Hank, I meant Robert. I read the wrong signature.

Steve

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:

>
> Me? I wasn't saying anything bad about the 897, I love my 897D.

29639. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 17:18:35 UTC
From: Hank
Topic: 29620 Message: 29639

Hey no problem. I thought maybe that's what happened, done it once or twice myself ;)

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Sorry Hank, I meant Robert. I read the wrong signature.
>
> Steve
>
> --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
>
> >
> > Me? I wasn't saying anything bad about the 897, I love my 897D.
>

29640. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 23:45:03 UTC
From: Danny Loyd
Topic: 29620 Message: 29640

Stew,

I agree with you that if a few of the oldtimers would spend more time helping people get interested in Amatuer Radio instead of putting us fairly new guys down, the hobby would be a heck of a lot better. I am privileged to have some good Elmers in the local area that finally helped me to decide to get off the fence and get my license. I am now a General and am studying for my Extra thanks to them. If we had people like Robert that always complain about how Amatuer Radio is dummed down, I never would have gotten into this great hobby.

Now back on subject, I love my FT-897D. It was my first radio and I am still learning about it thanks to this group.

Danny
KE5WDI

P.S. I thought we were suppose to sign off with our name and call sign on this group. Wonder why Robert didn't.

From: Stew KD5LBE <morriltonmayor@...>
To: FT897@yahoogroups.com
Sent: Thu, April 8, 2010 9:39:35 AM
Subject: Re: [FT897] Re: New 897

Your right Robert, when they did away with spark gap transmitters they ruined HAM Radio. I remember the old 2 meter radios that took two people to pick up and you had to run the motor in the car to operate the radio, now you can operate all day with the motor off and your 5 year old grand kid can carry the radio, it is pure waste. With the right Elmer, for every Tech there is a General or Extra waiting to come out. You'll feel better about new Techs if you will take a couple under your wing and introduce them to the fun of Ham radio. I made Extra because somebody cared not just that I had a license but that I learn that there was more to Ham radio than a Tech license.

From: wa4zvg
Sent: Thursday, April 08, 2010 4:36 AM
To: FT897@yahoogroups. com
Subject: [FT897] Re: New 897

Hank,

Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the

requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any
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actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.

--- In FT897@yahoogroups. com, "Hank" <hank@...> wrote:
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>
>
> Congrats. When I got my 897D I was completely overwhelmed. My other HF rigs were tube rigs, no DSP, data, or menus. I feel like I have finally settled into this radio, and I am happier today with the rig that I was the day I brought it home. I actually enjoyed the process of figuring out the menus and settings. I love this rig!
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>
> Hank / KB4MTO
>
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> --- In FT897@yahoogroups. com, "radiobuff777" <radiobuff777@ > wrote:

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>

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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.800 / Virus Database: 271.1.1/2797 - Release Date: 04/07/10 13:32:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29641. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 00:33:50 UTC
From: wa4zvg
Topic: 29620 Message: 29641

Danny,

When they pass a real test for ham radio, I'll be happy to help them. I'll help them now go back down to vhf and 11 meters where they belong.

If I passed a test to be licensed as a physician, and was given the Exact questions and exact answers beforehand and could take the test as many times as I wanted to until I passed it and when I finally did, the government issued me a license to practice medicine, would you consider me a real doctor and come to me for your medical needs??

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Stew,
>
> I agree with you that if a few of the oldtimers would spend more time helping people get interested in Amatuer Radio instead of putting us fairly new guys down, the hobby would be a heck of a lot better. I am privileged to have some good Elmers in the local area that finally helped me to decide to get off the fence and get my license. I am now a General and am studying for my Extra thanks to them. If we had people like Robert that always complain about how Amatuer Radio is dummed down, I never would have gotten into this great hobby.
>
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>
> Danny
> KE5WDI
>
> P.S. I thought we were suppose to sign off with our name and call sign on this group. Wonder why Robert didn't.
>
>
>
> _____
> From: Stew KD5LBE <morriltonmayor@...>
> To: FT897@yahoogroups.com
> Sent: Thu, April 8, 2010 9:39:35 AM
> Subject: Re: [FT897] Re: New 897
>
> Â
> Your right Robert, when they did away with spark gap transmitters they ruined HAM Radio. I remember the old 2 meter radios that took two people to pick up and you had to run the motor in the car to operate the radio, now you can operate all day with the motor off and your 5 year old grand kid can carry the radio, it is pure waste. With the right Elmer, for every Tech there is a General or Extra waiting to come out. You'll feel better about new Techs if you will take a couple under your wing and introduce them to the fun of Ham radio. I made Extra because somebody cared not just that I had a license but that I learn that

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>
> From: wa4zvg
> Sent: Thursday, April 08, 2010 4:36 AM
> To: FT897@yahoogroups. com
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> Hank,
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29642. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 01:26:28 UTC
From: josedouglas@yahoo.com
Topic: 29620 Message: 29642

C'mon guys, we (my wife and I) became hams recently (Oct 09) , technicians for a month before going for our generals, but the tests are nothing.
You really start learning hands on when you get your first rig, an 897 in our case, and when you climb on the roof to install your first antenna, and when you actually get on the air and start dxing...and you never stop learning, learn something new every day it seems...
True, the tests did not prepare us for what was before us, but we're now doing voice as well as digital on both VHF and HF and enjoying every minute of it.

Let's enjoy the hobby while we can!

Cheers!

Jose (Nancy)
KB1TCD (KB1TCG)

From: wa4zvg <wa4zvg@...>
To: FT897@yahoogroups.com
Sent: Thu, April 8, 2010 8:33:50 PM
Subject: [FT897] Re: New 897

Danny,

When they pass a real test for ham radio, I'll be happy to help them. I'll help them now go back down to vhf and 11 meters where they belong.

If I passed a test to be licensed as a physician, and was given the Exact questions and exact answers beforehand and could take the test as many times as I wanted to until I passed it and when I finally did, the government issued me a license to practice medicine, would you consider me a real doctor and come to me for your medical needs??

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> Stew,
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> Now back on subject, I love my FT-897D. It was my first radio and I am still learning about it thanks to this group.
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> P.S. I thought we were suppose to sign off with our name and call sign on this group. Wonder why Robert didn't.
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29643. RE: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 01:51:57 UTC
From: Matt Patterson
Topic: 29620 Message: 29643

That□s about the craziest analogy I□ve ever heard. Ham Radio is a hobby not a profession such as practicing medicine. Since the tests are now obviously easier than they once were it now falls upon us folks who have been in the hobby a while to embrace the newly licensed hams and tech them ourselves. Not shun them for taking the time to get their license. After all, it□s not their fault that the FCC changed the tests and dropped CW. If I had met such harsh resistance as yours when I first was licensed I probably would have hung it up along time ago.

BTW: VHF and up is where it□s at BABY! I get a lot more satisfaction when I work a new grid on 2m and above than I ever have working DX on HF.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wa4zvg
Sent: Thursday, April 08, 2010 7:34 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: New 897

Danny,

When they pass a real test for ham radio, I'll be happy to help them. I'll help them now go back down to vhf and 11 meters where they belong.

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29644. What's the point

Yahoo group: FT897 (2010)
Date: 2010-04-09 00:59:56 UTC
From: Finnigann
Topic: 29620 Message: 29644

On Thu, 08 Apr 2010 21:33:50 -0300, wa4zvg <wa4zvg@...> wrote:

>
> Danny,

> When they pass a real test for ham radio, I'll be happy to help them.
> I'll help them now go back down to vhf and 11 meters where they belong.

Then I'd have to ask, 'Why are you even on here?' I mean, if you're only content to talk to folks that already know it all... What's the point of your posting anything?

Just asking, 'cause I still want to learn.

>

> If I passed a test to be licensed as a physician, and was given the
> Exact questions and exact answers beforehand and could take the test as
> many times as I wanted to until I passed it and when I finally did, the
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73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29645. New vs. Old: The key is learning [was: New 897]

Yahoo group: FT897 (2010)
Date: 2010-04-09 02:49:21 UTC
From: Dean Gibson AE7Q
Topic: 29620 Message: 29645

What bugs both the old-timers about the new-timers, and vice versa, is the same thing:

Some of us don't want to learn anything new.

The old-timers grouse at how many new-timers don't seem to want to learn anything new (and it's partly true).

The new-timers retort that the old-timers are still stuck in old modes, claiming that they are unable/unwilling to learn/try something new (and it's partly true as well).

Whether you are new or old to amateur (please get the spelling right) radio, you will do well if you decide to continue learning. If you decide you've learned enough (regardless of age), you won't do well.

Amateur radio is changing. Once the only way to communicate cheaply with those in distant places, now the Internet, cell phones, and free long-distance has changed all that (and for the better for most people). As a result, most people interested in communications but not in the technical aspects, don't join amateur radio. As a natural result of amateur radio interests becoming more focused, the ranks of amateur radio are declining. That's a fact of life (and human nature).

Some amateurs are bemoaning the decline of amateur radio operators, and are getting anyone they can find to get a license (I see this particularly in the RACES ranks). Most of these people treat the radio just like most people treat the telephone: as an incomprehensible appliance. In one sense there's nothing wrong with that; amateur radio has a lot of different interest groups. But in another sense, there's a problem with that:

Every amateur is licensed to modify his/her radio, no matter what the ignorance level. We see amateurs modifying the service-level calibration settings (and of course not saving the values before they change them), because they're not hearing the traffic on the bands that they think they should. We see amateurs complaining that they bought a watt-meter, and it only shows 80 or 90 watts out rather than 100, and should they send the radio back. Of course, the classic (and probably the most common complaint) is that the finals must be blown, since keying the radio in SSB mode shows no power out. I personally cannot understand how ANYONE really tried to LEARN ANYTHING about communications modes, to ask that last question.

So again, it comes down to learning. I think most amateurs (even old-timers) will help others, if the person requesting help has shown an effort to learn something. It amazes me how many amateurs have not read

(or even own) the ARRL handbook (which I devoured cover-to-cover when I was learning amateur radio). The ARRL handbook has kept up with the times, and there is plenty in it for both old and new to learn.

And for the old-timers, if you think CW will get through when all else fails, you're forgetting something: someone at the other end needs to be able to decipher code. Whether we like it or not, CW as a regular communications medium is going away, FOREVER, and there is NOTHING that we can do about it (I supported keeping the CW licensing requirement, but for other reasons). If you think that tube radios are the answer, you are in dream land (and I'm old enough to have owned several tube radio sets, and I still remember what the numbers in the tube designations meant). Power, size, weight, heat, portability, and high voltages have destined them for the "dustbin of history" for virtually all amateur radio usage. Note that the high voltages in tube sets enforced a certain level of knowledge about electricity (with a somewhat steep learning curve for those that didn't), and the lack of affordable pre-built radios meant that most amateurs had to learn a lot to get on the air. Today, it's different; you have to learn how to interpret an often indecipherable translated (and often poorly organized as well) radio manual.

So, if you try to (continue to) learn something about electronics, you will do well. There's a natural inclination to ask a quick question on the Internet, but with that temptation comes the ability to come off as lazy. Do a little research first. I also see here (and more on the Yahoo! Icom IC-7000 forum) an appalling lack of even a BASIC diagnostic capability. Granted, that comes with experience, but there often seems to be no concept of how to reduce or eliminate the variables (one at a time) in order to resolve a problem. I blame that on the USA educational system, but if you don't have the ability to diagnose a problem (by eliminating variables), you are going to have a tough road ahead in amateur radio (even if you never need to open up a handy-talkie).

Finally, all this learning and diagnostic experience comes in handy in other areas. To take a trivial example, I recently decided to add X-10 home automation controls to my TV viewing area so I could adjust the lights while seated (see, there's a bit of laziness in all of us!). However, about 15 years ago I converted my home to 100% CFLs (compact fluorescent lights), and when the kitchen lights were on (six CFLs running), the X-10 controls didn't work very well. While most people would just call X-10 customer service, all they would do is recommend an X-10 RFI filter ($13), and with no guarantee that it would solve the problem. Knowing something about RFI, and using the process of elimination, I found that the X-10 stuff worked OK if I only had three or fewer of the kitchen CFLs screwed in. While I could have bought the X-10 RFI filter, finding a physical place to put it (2"x1.75"x3.5") in the wall presented a bit of a problem. I browsed the Internet, and found that someone had designed up a dual resonant trap T-circuit to put inline with the fluorescent lights. That seemed like unnecessary overkill to me: I mean, what's wrong with just a low-pass filter? The

frequency difference between 60Hz power and the 120kHz X-10 signals seemed wide enough for a simple choke. So, I took a small 1" powdered-iron toroid core laying around, and wound seven turns through it, and placed it inline between the kitchen light switch and the fluorescent lights. Viola! Now I could run FOUR kitchen CFLs without a problem, and I knew that I was on the right track. End result: 21 turns through the toroid, and the problem is solved (for the six CFLs), and the toroid mounts in the space inside the existing switchbox!

OK, but now the switchbox has a slight "hum" when the kitchen lights are on. Why? This is left as an exercise for the reader (I know the answer, and if you do too, don't reveal it).

-- Dean / AE7Q

29646. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-05 20:18:17 UTC
From: joez32265
Topic: 29459 Message: 29646

--- In FT897@yahoogroups.com, "ft100guy" <ss409ss@...> wrote:
>
>
>
> I have owned quite a few 857's (electrically the same as an 897) and I just ran into this on a 2008 vintage one. The static comes and goes on this particular one and could be there one day and not the next. Anyway, it sounds like static crashes to the 10th magnitude on every band including 2m and 440. If you check around, it seems to be with 2007 thru 2009 vintage 857's and 897's so I suspect a bad run of a particular part or parts. If they replaced the ceramic filter and it cured it, I would believe it. One guy placed .01mfd caps on his filters and this cured it as well. I guess Murata had a bad run as this is typically the supplier of ceramic filters to Yaesu. Incidently, I have a mechanical filter installed and it happens. My guess is that it is way up the chain and not the ordinary ceramic filter (2.6) since it happens on every band in every mode with mine. It is so bad that it affects the S-meter as well. Then the next minute its gone! Richy N2ZD
>

I have the exact same problem only started yesterday! All bands all modes would appreciate any help. many thanks

29647. Self Audio check

Yahoo group: FT897 (2010)
Date: 2010-04-07 00:55:43 UTC
From: Sean
Topic: 29647 Message: 29647

How do you all check your own mic audio? I would like to try different mics to see which one sounds the best, but don't know how to go about it. Do I need another piece of equipment? Another radio? I tried using the headphones but that didn't seem to work. Thanks!

29648. Re: MARS mod for US FT-897d

Yahoo group: FT897 (2010)
Date: 2010-04-07 00:51:53 UTC
From: Sean
Topic: 29618 Message: 29648

Here's some info. On the 897D, you must do the solder mod. Also, your local Ham club should be able to help you out as well.

[url]http://www.hampedia.net/yaesu/ft-897-mars-cap-mod.php[/url]

[img]http://www.worldwidedx.com/attachments/radio-radio-related-modifications/15d1201940180-yaesu-857d-yaesu-897d-857-897-frequency-modification-expansion-857_897d_usa_before.jpg[/img]

[img]http://www.worldwidedx.com/attachments/radio-radio-related-modifications/16d1201940196-yaesu-857d-yaesu-897d-857-897-frequency-modification-expansion-857_897d_usa_after.jpg[/img]

--- In FT897@yahoogroups.com, "Jeremy - N4JIK" <kd4lcr@...> wrote:
>
> Good morning, I wonder if anyone has a good MARS mod for the FT-897d, I have
> received my authorization so need to be able to get on the nets now. Thanks!
>
>
>
> Jeremy
>
> N4JIK formerly KD4LCR/7J6CEM
>
> Fort Benning, GA/Phenix City, AL
>
> Triple Play Award #327
>
>
>
> "The true soldier fights not because he hates what is in front of him, but
> because he loves what is behind him." G. K. Chesterton
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29649. 897 Not able to turn ATAS-120 on

Yahoo group: FT897 (2010)
Date: 2010-04-05 12:09:21 UTC
From: Bernie
Topic: 29649 Message: 29649

Hi, I am new to the group. I have an FT-897D that I am trying to set up with an ATAS-120 antenna. Following the instructions on page 41 of the manual, I turn on and select ATAS(HF&50) as perscribed. I then try to go to Automatic Tuning and follow instructions but when I press the [A] (Tune) as instructed, nothing happens, the "Parentheses" does not appear as they should. Somewhere I am not doing something right but I cannot figure out what it is. Has anyone had this problem and what did you do to get it to work.

Bernie
KD8NBC

29650. FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-05 19:27:21 UTC
From: pavanroberto
Topic: 29650 Message: 29650

Hy all,

just having funny issue with s-meter RX indication during normal 2 meter FM operations, on my 1 year old FT897D.

Now Max readout is S4 with strong (proven) signals (S9 and more).

I doubled checked all parameters, and reset them to factory default.

NB SQL/RF knob is set to SQL.

What am I missing? is there any HW mulfunction or SW failure?

73, IK3DJC

29651. RE: [FT897] Re: "tune" function (not part of a tuner) and 897D marking Qs

Yahoo group: FT897 (2010)
Date: 2010-04-06 14:57:38 UTC
From: Michael Hughey
Topic: 29611 Message: 29651

The TUNE button is a soft key on the 'A' button after you access the menu by momentarily pressing the menu button. Cycle through the different function sets until TUNE appears over the "A" soft key. The tune button controls the ATAS 120 'Screwdriver' antenna or the automatic tuner to lock in a frequently used freq. When the displays 'atas' becomes 'ATAS' indicating a tuneable freq. You have to already have gone into the main menu by pressing and holding the menu button and cycling to the tuner section and turn the main freq dial to select which setup you want. If you don't have either of those tuners then you manually tune whatever tuner you have in the usual way.
Michael KF4DUS

-----Original Message-----
From: JonP <jperelst@...>
Sent: Tuesday, April 06, 2010 7:02
To: FT897@yahoogroups.com
Subject: [FT897] Re: "tune" function (not part of a tuner) and 897D marking Qs

There's no tune button that I know of.

What I usually do to tune (when I don't have a CW key present) is to set the radio to AM and hold the Push To Talk button. That sends out a carrier which can be used for tuning. Just make sure that you're at low power because (a) AM is continuous duty and you don't want to blow the finals, and (b) you want to minimize your RF pollution on the band.

There is a setting so that one of the buttons on the microphone can be used in place of a key on CW. I haven't tried that but it should give you the same effect if you set the radio to CW.

Jon
KB1QBZ
--- In FT897@yahoogroups.com, "ke0ms" <pilotguy1050@...> wrote:
>
> All,
>
> I have two questions. These may be simple to you all, but to me i'm still not able to find the answer.
>
> Is there manual "tune" button like we are used to with older rigs? Not tied to an antenna tuner, I mean. If I am going to use a manual antenna tuner (or tweak the setting of an outboard auto tuner), it seems to me that a manual TUNE function needs to exist. Currently I have to just hit multiple dashes on my paddle (which is poor practice and seems ridiculous on such a nice radio)... Strangely, I seem to find there is a display button function called "TUNE" tied to a soft key under the meter when I go thru the menus, but pushing "TUNE" gets me NOTHING.
>
> A different question: Based on purchase date (new) of

[The entire original message is not included]

[Non-text portions of this message have been removed]

29652. FT-897 to LDG AT-100 Pro Tuner ...

Yahoo group: FT897 (2010)
Date: 2010-04-08 15:24:27 UTC
From: Alan E. Lutz
Topic: 29652 Message: 29652

Folks,

I am new to the group and have a question.

For whatever reason, LDG in their infinite wisdom only includes a cable to connect the AT-100 Pro II tuner to an Icom radio. I have a Yaesu FT-897. I see that K4SCH posted photos of the connection to the LDG AT-897 tuner. Does anyone know if the pinouts are the same for the 897 and 100 tuners? . Each end of the 100 cable has a 1/8" stereo phone plugs as shown in K4SCH's photo. I do have reason to believe it is not straight through and is likely as shown for K4SCH's 897 tun er cable. Thanks in advance for the help.

73 de Alan

KB1TQL

[Non-text portions of this message have been removed]

29653. Newbie Question

Yahoo group: FT897 (2010)
Date: 2010-04-07 21:35:22 UTC
From: JohnB123
Topic: 14573 Message: 29653

Hi all. I am newly licensed and new to the group. I just got a new FT 897d and am awaiting delivery of my antenna. Forgive what might be a silly question, but due to my living conditions, I'll be forced to run more or less portable for at least the near future. Would it be advisable to leave a coax jumper attached to the receiver to avoid "over using" the antenna connection from frequent set up and tear down? I don't know if over use is detrimental to the PL 259 connection.Thanks and 73's,
John KC2WRG

29654. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-08 16:26:36 UTC
From: Chuck Stroud
Topic: 29620 Message: 29654

Thanks everyone for this info. I got my 897D a few months ago as my first HF rig, and not being real familiar with HF operation (maybe confirming wa4zvg opinion!), I was wondering if there are some other tips for general settings with the multitude of menus that someone would be willing to pass along?

I have a strong desire to operate appropriately, and want to understand the theory more. So far no one has complained, but if I can be proactive on my side gtting the settings correct it would be a benefit. Any help would be greatly appreciated.
73
chuck - ka8hde

From: Hank <hank@hanklambert.com>
To: FT897@yahoogroups.com
Sent: Thu, April 8, 2010 9:33:52 AM
Subject: [FT897] Re: New 897

Here are my settings for HF SSB:

Menu #48 - DSP Mic EQ: Both.
Menu #74 - Proc Level: 30
Menu #81 - SSB Mic Gain: 85

I believe my Mic Gain (Menu 81) was lower when using the handheld mic, I think 50 if my memory serves me correctly. I also had the switch on the back set to position 2.

The best thing to do is set up the mic per peoples recommendation and then tweak them with the help of someone while in a QSO. Our recommendations will get you close, but everyone's voice is different, so having someone help you with On-Air feedback will help you get it dialed in perfect for your voice.

hth,

Hank / KB4MTO

[Non-text portions of this message have been removed]

29655. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-09 04:10:16 UTC
From: Mohd Misnan
Topic: 29650 Message: 29655

On Apr 6, 2010, at 3:27 AM, pavanroberto wrote:

> Hy all,
>
> just having funny issue with s-meter RX indication during normal 2 meter FM operations, on my 1 year old FT897D.
>
> Now Max readout is S4 with strong (proven) signals (S9 and more).
>
> I doubled checked all parameters, and reset them to factory default.
>
> NB SQL/RF knob is set to SQL.
>
> What am I missing? is there any HW mulfunction or SW failure?
>
> 73, IK3DJC

Couldn't help but you're not the only one experiencing this problem. I'm having the same problem too and there is another owner with exact same problem.. only on 2m FM. If your unit is still under warranty, I guess you could try to send it out to Yaesu, and please do let us know what went wrong with it.. mine is way out of warranty now.

73, Mohd/9W2TPT

29656. Re: [FT897] New vs. Old: The key is learning [was: New 897]

Yahoo group: FT897 (2010)
Date: 2010-04-09 04:47:13 UTC
From: Carl Wulfestieg
Topic: 29620 Message: 29656

Dean-
". . . cw as a regular communications medium is going away FOREVER . . ." Well, maybe not. You might be surprised if you check out Straight Key Century Club-
http://www.skccgroup.com
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

29657. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 05:28:06 UTC
From: Roger Horton
Topic: 29620 Message: 29657

Come on Robert, down in Alabama. Stay calm! I was licensed 2 days after the WW2. Those days if you didn't have money, which no one did, you built everything, receiver and transmitter from scratch and odd parts. You probably never saw the test we had to take to get the Advanced Class License. Pencil and paper, drawing diagrams, etc. etc. Your mom was changing your diapers in 1962 while we were heating our house with the latest home built transmitter. Times and technology change. Live with it. I didn't complain about your generation of "New Hams" that didn't know anything, so let our new brothers prove themselves just as you & I had to. Roger, K8CIX

[Non-text portions of this message have been removed]

29658. RE: [FT897] Newbie Question

Yahoo group: FT897 (2010)
Date: 2010-04-09 10:17:36 UTC
From: Ted Wrobel
Topic: 14573 Message: 29658

Hi John,

I think it is a good idea for a couple of reassons. First, as you note, it saves lots of connector wear. Second, you can usually cable tie the pigtail coax to some secure place on/near the radio to avoid accidental strain on the radio connector.

It's a simple, cheap and convenient way to connect the radio.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JohnB123
Sent: Wednesday, April 07, 2010 17:35
To: FT897@yahoogroups.com
Subject: [FT897] Newbie Question

Hi all. I am newly licensed and new to the group. I just got a new FT 897d and am awaiting delivery of my antenna. Forgive what might be a silly question, but due to my living conditions, I'll be forced to run more or less portable for at least the near future. Would it be advisable to leave a coax jumper attached to the receiver to avoid "over using" the antenna connection from frequent set up and tear down? I don't know if over use is detrimental to the PL 259 connection.Thanks and 73's,
John KC2WRG

[Non-text portions of this message have been removed]

29659. Re: New vs. Old: The key is learning [was: New 897]

Yahoo group: FT897 (2010)
Date: 2010-04-09 12:30:09 UTC
From: Steve Yates
Topic: 29620 Message: 29659

Dean,

You sure couldn't prove your statement below by listening to the CW activity on bands. I've been licensed 32 years and there is much more CW activity on 40 m then there was. Tune around any evening and there is much more CW activity on 40 m then phone operation. I'll let others guess to why that is. I'm an avid CW operator and all I can tell you is that there is no lack of CW activity. There are a lot of new hams taking interest in it believe it or not.

Your statement may be true in the commercial world.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Dean Gibson AE7Q <yahoo@...> wrote:

"Whether we like it or not, CW as a regular communications medium is going away, FOREVER, and there is NOTHING that we can do about it."

29660. RE: [FT897] Self Audio check

Yahoo group: FT897 (2010)
Date: 2010-04-09 13:04:37 UTC
From: Eric van de Weyer
Topic: 29647 Message: 29660

Hi Sean,

I generally use a set of headphones and another receiver. Often I am checking a mic with a multi band set (such as the FT857 I installed last weekend in the car) and I use a handheld on 2M to listen to the signal to see how it sounds. Very useful in finding problems such as alternator whine (which I had a major problem with in the new installation) and to get an idea of the audio quality from the mic (I am using a boom mic with a PTT on the gear stick).

BTW, it's is nice to sign your messages with a name and callsign.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
Sent: Wednesday, 7 April 2010 10:56
To: FT897@yahoogroups.com
Subject: [FT897] Self Audio check

How do you all check your own mic audio? I would like to try different mics to see which one sounds the best, but don't know how to go about it. Do I need another piece of equipment? Another radio? I tried using the headphones but that didn't seem to work.
Thanks!

Yahoo! Groups Links

29661. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 13:11:46 UTC
From: Hank
Topic: 29620 Message: 29661

Matt, I couldn't have said it better myself. When I read the post I wanted to comment, but withheld because my thoughts were less than professional. But I fully agree with what you wrote. My Grandfather was licensed in the WW2 era and built his first transmitter. He was a Electrical Engineer and Signal Corp during the war. He has told me about the tests they took back then, and all I can say is that anyone who could pass one of those test should be proud. But he never turned away helping any ham that needed help, regardless of what test they took.

And what's wrong with VHF? While I prefer HF (17 meters), I have started monitoring 146.520 SSB. Some days I can barely hear someone out there. I cannot wait for my first tropo 2 mtr DX contact.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:
>
> That's about the craziest analogy I've ever heard. Ham Radio is a hobby not
> a profession such as practicing medicine. Since the tests are now
> obviously easier than they once were it now falls upon us folks who have
> been in the hobby a while to embrace the newly licensed hams and tech them
> ourselves. Not shun them for taking the time to get their license. After
> all, it's not their fault that the FCC changed the tests and dropped CW.
> If I had met such harsh resistance as yours when I first was licensed I
> probably would have hung it up along time ago.
>
>
>
> BTW: VHF and up is where it's at BABY! I get a lot more satisfaction when I
> work a new grid on 2m and above than I ever have working DX on HF.
>
>
>
> 73 Matt
>
> W5LL

29662. Re: [FT897] Re: New vs. Old: The key is learning [was: New 897]

Yahoo group: FT897 (2010)
Date: 2010-04-09 13:27:17 UTC
From: Dean Gibson AE7Q
Topic: 29620 Message: 29662

I'm freshly retired and recently bought a Belcher paddle. I plan to improve my CW speed and be part of that group as well, but that doesn't alter the fact that /"CW as a regular communications medium is going away, FOREVER"/. It's essentially gone NOW in the commercial, government, and military fields; the increased cost of more sophisticated communications equipment is offset by the cost of not having to train and maintain human proficiency. CW lives on only in the hobbyist field. It's interesting and fun from a historical and simplicity perspective, and it will be interesting to see which dies first: CW or AM.

AM lives on for similar historical and simplicity reasons, but that's changing, too: While people listen to AM in their cars (and perhaps on portables), do you know of anyone who listens to AM *at home*? I don't. AM will probably survive for decades for world-wide political and economic reasons. CW has no such forces, but it will survive regulatorily because it can share bandwidth with other digital modes.

While FM (especially narrow-band FM) as a technology will of course survive, I don't believe the FM broadcast band and wide-band FM will; bandwidth is too precious, and there are other technical and economic alternatives growing at a rapid rate. Look what's happened to analog TV; who would have thought that 20 years ago? Look what's happened to public-service FM being replaced by digital trunk radio systems.

The technology has gotten too bandwidth-efficient for some of the older modes to survive regulatorily.

At any rate, I think the CW subbands will be safe for decades.

-- Dean

On 2010-04-09 05:30, Steve Yates wrote:
> Dean,
>
> You sure couldn't prove your statement below by listening to the CW activity on bands. I've been licensed 32 years and there is much more CW activity on 40 m then there was. Tune around any evening and there is much more CW activity on 40 m then phone operation. I'll let others guess to why that is. I'm an avid CW operator and all I can tell you is that there is no lack of CW activity. There are a lot of new hams taking interest in it believe it or not.
>
> Your statement may be true in the commercial world.
>
> 73,
> Steve - AA5TB

>
> --- In FT897@yahoogroups.com, Dean Gibson AE7Q <yahoo@...> wrote:
>
> "Whether we like it or not, CW as a regular communications medium is going away, FOREVER, and there is NOTHING that we can do about it."
>

[Non-text portions of this message have been removed]

29663. RE: [FT897] Self Audio check

Yahoo group: FT897 (2010)
Date: 2010-04-09 12:00:14 UTC
From: Dennis
Topic: 29647 Message: 29663

Only one way...get on the air and find someone who will give you reports with all mics/settings you wish to try.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
Sent: Tuesday, April 06, 2010 7:56 PM
To: FT897@yahoogroups.com
Subject: [FT897] Self Audio check

How do you all check your own mic audio? I would like to try different mics to see which one sounds the best, but don't know how to go about it. Do I need another piece of equipment? Another radio? I tried using the headphones but that didn't seem to work.
Thanks!

[Non-text portions of this message have been removed]

29664. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 14:06:27 UTC
From: Darrel
Topic: 29459 Message: 29664

Just to add another data point: the identical problem started for me last weekend, on my FT857D (same board as the 897D) purchased new in April 2008. My intermittent lightning-like crashes are also independent of frequency band, being there on all HF bands as well as on 144 and 430 MHz. Both the RF and AF gain controls affect the strength, so it's not something just in the AF amplifier.

I haven't yet found the exact culprit, but looking at the schematic, in my rig it's seems likely to be something after the switchable IF attenuator (which makes no difference, on or off, to the S9 crashes on the meter) and before or within the switchable 455 kHz IF filters (when I switch in a 500 Hz CW filter, the crashes are still there, but weaker, and you can hear the slight "ringing" of the CW filter on the intermittent crashes. That's a very different sound to the crashes coming through the AM filter.) Looking at the schematic, that may narrow it down to a relatively small number of components, although I've not yet located the specific component.

I'd be interested in experiences from others with this problem. I wonder if will turn out to be the same component that fails in all the 2007 thru 2009 rigs.
73
Darrel, aa7fv.

29665. RE: [FT897] Self Audio check

Yahoo group: FT897 (2010)
Date: 2010-04-09 14:15:00 UTC
From: Michael Hughey
Topic: 29647 Message: 29665

What I do is find an empty 2 m of 70 m simplex freq and put it on my handheld, then I turn the antenna ATT on (in my case, menu 3 on my VX-8R) so that I don't burn up the front end on that radio. Then I turn the power down on the FT-897 as low as I can get it, then test away. You should probably use ear phones on the HT to avoid feedback.

Michael KF4DUS

-----Original Message-----
From: Sean <kamaaina1@...>
Sent: Tuesday, April 06, 2010 18:55
To: FT897@yahoogroups.com
Subject: [FT897] Self Audio check

How do you all check your own mic audio? I would like to try different mics to see which one sounds the best, but don't know how to go about it. Do I need another piece of equipment? Another radio? I tried using the headphones but that didn't seem to work. Thanks!

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

29666. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-09 14:24:16 UTC
From: Charles Scott
Topic: 29650 Message: 29666

All:

Point one - Never compare the S-Meter readings between an all-mode rig like the FT897 and convetional FM only transcievers. The latter will always tend to read very high.

Point two - If at all possible, it's best to supply the radio a properly calibrated signal level to see if it's correct before assuming there's a problem with the metering.

Point three - When trying to diagnose any issue with a radio, it's important to take an organized step-by-step diagnostic approach to determining what is working, what isn't, and exactly what the problem is. If you don't you'll either fix something that's not broken, or change something that will make it worse in some way.

Having said all that, it's entirely possible that the radio isn't reading right.

Chuck - N8DNX

On 4/9/2010 12:10 AM, Mohd Misnan wrote:
> On Apr 6, 2010, at 3:27 AM, pavanroberto wrote:
>
>
>> Hy all,
>>
>> just having funny issue with s-meter RX indication during normal 2 meter FM operations, on my 1 year old FT897D.
>>
>> Now Max readout is S4 with strong (proven) signals (S9 and more).
>>
>> I doubled checked all parameters, and reset them to factory default.
>>
>> NB SQL/RF knob is set to SQL.
>>
>> What am I missing? is there any HW mulfunction or SW failure?
>>
>> 73, IK3DJC
>>
> Couldn't help but you're not the only one experiencing this problem. I'm having the same problem too and there is another owner with exact same problem.. only on 2m FM. If your unit is still under warranty, I guess you could try to send it out to Yaesu, and please do let us know what went wrong with it.. mine is way out of warranty now.
>
> 73, Mohd/9W2TPT

>
>

29667. Re: [FT897] Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 14:31:20 UTC
From: N4CQR
Topic: 29459 Message: 29667

Assuming this gets posted, you have a bad filter. It appears to be a common failure. There was a discussion about this several months back but it appears to have been deleted. (the Subject Line included: Static Crash like noise.)

Craig

--- On Fri, 4/9/10, Darrel <74010.2230@compuserve.com> wrote:

> From: Darrel <74010.2230@...>
> Subject: [FT897] Re: S9 noise with no antenna attached
> To: FT897@yahoogroups.com
> Date: Friday, April 9, 2010, 10:06 AM
> Just to add another data point:
> the identical problem started for me
> last weekend, on my FT857D (same board as the 897D)
> purchased new in
> April 2008. My intermittent lightning-like crashes
> are also independent
> of frequency band, being there on all HF bands as well as
> on 144 and 430
> MHz. Both the RF and AF gain controls affect the
> strength, so it's not
> something just in the AF amplifier.
>

29668. RE: [FT897] 897 Not able to turn ATAS-120 on

Yahoo group: FT897 (2010)
Date: 2010-04-09 14:44:22 UTC
From: Michael Hughey
Topic: 29649 Message: 29668

Make sure that you are on an HF freq that's within the limits of the ATAS - 120. You'll know it by looking at the icon "ATAS" on the display. If the icon reads "atas" (small letters), then the ATAS 120 won't tune. Also, menu 20 (CAT/LIN/TUNer) must be on Tuner. Also, if you haven't done so already, scrape some paint off of the vehicle where the little allen screws dig into the frame or run a ground wire. I hope this helps. My FT - 897D has a mind of it's own sometimes and may jump off Tuner, or off ATAS (HF + 50) One time it even jumped in EMERGENCY mode, which prevented me from getting on any other band. Sometimes the mic will revert back to the stock mic settings (I have the mic with the keypad). It doesn't prevent the mic from PTT, but it acts as if the keypad is not there.) I hope this helps.

Michael
KF4DUS

-----Original Message-----
From: Bernie <pizzameister2001@...>
Sent: Monday, April 05, 2010 6:09
To: FT897@yahoogroups.com
Subject: [FT897] 897 Not able to turn ATAS-120 on

Hi, I am new to the group. I have an FT-897D that I am trying to set up with an ATAS-120 antenna. Following the instructions on page 41 of the manual, I turn on and select ATAS(HF&50) as perscribed. I then try to go to Automatic Tuning and follow instructions but when I press the [A] (Tune) as instructed, nothing happens, the "Parentheses" does not appear as they should. Somewhere I am not doing something right but I cannot figure out what it is. Has anyone had this problem and what did you do to get it to work.

Bernie
KD8NBC

Reply to sender | Reply to group | Reply via web post |

[The entire original message is not included]

[Non-text portions of this message have been removed]

29669. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 15:23:19 UTC
From: radiobuff777
Topic: 29620 Message: 29669

Yea....that's a real great attitude. It'll do wonders for the future of amateur radio too. I'm sure glad my elmer had more patience and understanding than you. Get over yourselves.

Jeff KC2DAQ

--- In FT897@yahoogroups.com, "wa4zvg" <wa4zvg@...> wrote:
>
> Danny,
>
> When they pass a real test for ham radio, I'll be happy to help them. I'll help them now go back down to vhf and 11 meters where they belong.
>
> If I passed a test to be licensed as a physician, and was given the Exact questions and exact answers beforehand and could take the test as many times as I wanted to until I passed it and when I finally did, the government issued me a license to practice medicine, would you consider me a real doctor and come to me for your medical needs??
>
>
> --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@> wrote:
> >
> > Stew,
> >
> > I agree with you that if a few of the oldtimers would spend more time helping people get interested in Amatuer Radio instead of putting us fairly new guys down, the hobby would be a heck of a lot better. I am privileged to have some good Elmers in the local area that finally helped me to decide to get off the fence and get my license. I am now a General and am studying for my Extra thanks to them. If we had people like Robert that always complain about how Amatuer Radio is dummed down, I never would have gotten into this great hobby.
> >
> > Now back on subject, I love my FT-897D. It was my first radio and I am still learning about it thanks to this group.
> >
> > Danny
> > KE5WDI
> >
> > P.S. I thought we were suppose to sign off with our name and call sign on this group. Wonder why Robert didn't.
> >
> >
> >
> > _____
> > From: Stew KD5LBE <morriltonmayor@>
> > To: FT897@yahoogroups.com
> > Sent: Thu, April 8, 2010 9:39:35 AM
> > Subject: Re: [FT897] Re: New 897

> >
> > Â
> > Your right Robert, when they did away with spark gap transmitters they ruined HAM Radio. I remember the old 2 meter radios that took two people to pick up and you had to run the motor in the car to operate the radio, now you can operate all day with the motor off and your 5 year old grand kid can carry the radio, it is pure waste. With the right Elmer, for every Tech there is a General or Extra waiting to come out. You'll feel better about new Techs if you will take a couple under your wing and introduce them to the fun of Ham radio. I made Extra because somebody cared not just that I had a license but that I learn that there was more to Ham radio than a Tech license.
> >
> > From: wa4zvg
> > Sent: Thursday, April 08, 2010 4:36 AM
> > To: FT897@yahoogroups. com
> > Subject: [FT897] Re: New 897
> >
> > Hank,
> >
> > Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any
> > money if the average ham could repair his own rig and then again, you would be really hard pressed to actually find any of these new hams that actually COULD fix any of the older radio's. They could actually save some money by just leaving off the CW mode on these newer rigs, because these new hams couldn't send an SOS on CW on a sinking ship to save their lives!! Isn't it amazing that us older hams actually got on the air with the old tubes rigs at all?? !!! We did OK, and not only survived with them, but thrived with them. You get on HF now with an old analog HF tube rig and are off 10 HZ and these new digital boys are gonna let you know it. IMMEDIATELY. About 10 of them will jump in there are tell you that you are off frequency!! In the old days we would simply reach down and turn the clarifier and not say a word and go on with the conversation. These new ones will look at you today and ask?? Whats a clarifier?? Amazing. When the only requirement to
> > get a license now days is to memorize a few simple questions and answers and sign your name to the ans! wer book let to get a license I guess they had to come out with radio's like the 897, 1000 and 2000 with all those menus so the built in digital programs can tune the radio for them. For years I gave the CB'ers hell, but you know I actually owe them a big apology. They BEHAVE 100 X better than most of these new hams on HF. Just listen on ANY given night on 80 meters on say 3810 or 3843. Again, when they dummy down the requirements for a license just to attract people to the hobby in order to sell radio's, thats the kind of operators you get. In our own call area, the 4 call area, they are on the KJ4 xxx already and are down to about the KJ$t (XX) already in the course of about 4 months. Go to QRZ or any call sign database and just plug any 3 letters in after the KJ4 and you will be

very very very lucky to come up with a license class where they
> > actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
> > Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.
> >
> > --- In FT897@yahoogroups. com, "Hank" <hank@> wrote:
> > >
> > >
> > >
> > > Congrats. When I got my 897D I was completely overwhelmed. My other HF rigs were tube rigs, no DSP, data, or menus. I feel like I have finally settled into this radio, and I am happier today with the rig that I was the day I brought it home. I actually enjoyed the process of figuring out the menus and settings. I love this rig!
> > >
> > > One thing that helped was to go through and hide all of the menu settings that I did not need to adjust. That way when I scrolled through the menus, I could focus on just the menus that I needed to figure out. DSP was the most difficult for me because I had never used it and I didn't understand what each setting was doing. I still don't have a thorough grasp of what it's doing, but the current settings have it sounding good.
> > >
> > > Hank / KB4MTO
> > >
> > >
> > > --- In FT897@yahoogroups. com, "radiobuff777" <radiobuff777@ > wrote:
> > > >
> > > > Just got my 897 yesterday. Today was the first time I've had a chance to play with it. All I can say is "WOW". I love it. Its gonna take a while to learn the radio, but it'll be fun.
> > > >
> > >
> > >
> > > ------------ --------- --------- --------- --------- --------- -
> > >
> > > No virus found in this incoming message.
> > > Checked by AVG - www.avg.com
> > > Version: 9.0.800 / Virus Database: 271.1.1/2797 - Release Date: 04/07/10 13:32:00
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
>

29670. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 15:48:46 UTC
From: d_t_emerson
Topic: 29459 Message: 29670

Thanks. I thought I'd seen earlier posting about this, but couldn't find it either.
Do you remember if it was reported as XF1001 or CF1005?
Darrel.

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> Assuming this gets posted, you have a bad filter. It appears to be a common failure. There was a discussion about this several months back but it appears to have been deleted. (the Subject Line included: Static Crash like noise.)
>
> Craig
>
>
> --- On Fri, 4/9/10, Darrel <74010.2230@...> wrote:
>
> > From: Darrel <74010.2230@...>
> > Subject: [FT897] Re: S9 noise with no antenna attached
> > To: FT897@yahoogroups.com
> > Date: Friday, April 9, 2010, 10:06 AM
> > Just to add another data point:
> > the identical problem started for me
> > last weekend, on my FT857D (same board as the 897D)
> > purchased new in
> > April 2008. My intermittent lightning-like crashes
> > are also independent
> > of frequency band, being there on all HF bands as well as
> > on 144 and 430
> > MHz. Both the RF and AF gain controls affect the
> > strength, so it's not
> > something just in the AF amplifier.
> >
>

29671. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 16:21:06 UTC
From: Charles Scott
Topic: 29620 Message: 29671

All:

In the beginning, Radio Amateurs were tinkerers and inventors. As the hobby developed, that tradition continued and I would argue is alive and well today. In time, other aspects of Ham Radio evolved that included good will, public service, emergency/disaster communications support, and the simple pleasure and excitement of communications. Anyone who expects all Hams to fit into a classic mold is bound to be disappointed.

There will always be those tinkerers. There will always be the classic modes--yes, including CW. There will always be true engineers in our hobby. There will, however, be members of our ranks who are not interested in those aspects of Ham Radio and who will morph the hobby to be what they envision it to be.

I've been a Ham for 46 years and cut my teeth on tube gear, CW, and AM. I've built equipment, constructed antennas, and engineered repeater systems. I would not, however, expect all others to follow the path I have taken. I appreciate the contribution all Hams make to our hobby, whether that's "appliance operators" having a nice chat with some DX station, training with local emergency services to provide support in a time of need, or developing new digital communications modalities. It is simply not necessary that they do it my way and, frankly, I appreciate that they do bring diversity to the hobby I love.

It's not a technical test, nor prowess in repair, nor the Extra Class moniker that makes a Ham. It is instead a desire and a willingness to become involved, in whatever way, and in doing so to enjoy, improve, and promote Ham Radio.

Chuck - N8DNX

29672. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 18:02:21 UTC
From: Harold Burton
Topic: 29620 Message: 29672

I do like your way of thinking. I'm a "newbie" Ham(tech 2002, general 2005 and extra 2009)
and am pretty much an "appliance operator" I reckon. I have, however, built almost all my
antennas, except for my 5BTV vertical, which I purchased in the flush of new generalhood.
I'm presently acquiring the bits and pieces neccessary for constructing a 5 band Hexbeam
and am hoping to finish it later in the year. Thank you for your part in making us new Hams
feel more accepted and welcome.

Harold
KD5SAK

----- Original Message -----
From: "Charles Scott" <cscott@...>
To: <FT897@yahoogroups.com>
Sent: Friday, April 09, 2010 11:21 AM
Subject: Re: [FT897] Re: New 897

> All:
>
> In the beginning, Radio Amateurs were tinkerers and inventors. As the
> hobby developed, that tradition continued and I would argue is alive and
> well today. In time, other aspects of Ham Radio evolved that included
> good will, public service, emergency/disaster communications support,
> and the simple pleasure and excitement of communications. Anyone who
> expects all Hams to fit into a classic mold is bound to be disappointed.
>
> There will always be those tinkerers. There will always be the classic
> modes--yes, including CW. There will always be true engineers in our
> hobby. There will, however, be members of our ranks who are not
> interested in those aspects of Ham Radio and who will morph the hobby to
> be what they envision it to be.
>
> I've been a Ham for 46 years and cut my teeth on tube gear, CW, and AM.
> I've built equipment, constructed antennas, and engineered repeater
> systems. I would not, however, expect all others to follow the path I
> have taken. I appreciate the contribution all Hams make to our hobby,
> whether that's "appliance operators" having a nice chat with some DX
> station, training with local emergency services to provide support in a
> time of need, or developing new digital communications modalities. It is
> simply not necessary that they do it my way and, frankly, I appreciate
> that they do bring diversity to the hobby I love.
>

> It's not a technical test, nor prowess in repair, nor the Extra Class
> moniker that makes a Ham. It is instead a desire and a willingness to
> become involved, in whatever way, and in doing so to enjoy, improve, and
> promote Ham Radio.
>
> Chuck - N8DNX
>
>
>
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> Yahoo! Groups Links
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29673. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 18:41:01 UTC
From: w8bux
Topic: 29459 Message: 29673

Just got my 897 back from Yaesu today. They replaced a ceramic filter and that took care of it. They charged $70.

Pete AA8L

--- In FT897@yahoogroups.com, "joez32265" <joez32265@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "ft100guy" <ss409ss@> wrote:
> >
> >
> >
> > I have owned quite a few 857's (electrically the same as an 897) and I just ran into this on a 2008 vintage one. The static comes and goes on this particular one and could be there one day and not the next. Anyway, it sounds like static crashes to the 10th magnitude on every band including 2m and 440. If you check around, it seems to be with 2007 thru 2009 vintage 857's and 897's so I suspect a bad run of a particular part or parts. If they replaced the ceramic filter and it cured it, I would believe it. One guy placed .01mfd caps on his filters and this cured it as well. I guess Murata had a bad run as this is typically the supplier of ceramic filters to Yaesu. Incidently, I have a mechanical filter installed and it happens. My guess is that it is way up the chain and not the ordinary ceramic filter (2.6) since it happens on every band in every mode with mine. It is so bad that it affects the S-meter as well. Then the next minute its gone! Richy N2ZD
> >
>
> I have the exact same problem only started yesterday! All bands all modes would appreciate any help. many thanks
>

29674. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 18:43:52 UTC
From: Fred Fish
Topic: 29620 Message: 29674

I was beginning to think that I had joined the wrong group. I was thinking that it was a support group for owners of the FT-897D. Then, for a few days, there are all these opinions about oldies and newbies and that whole thing turned into an opportunity for people to complain about the hobby. Therefore, Charles, I really appreciate your perspective. I hope that sometime, we can get back to being supportive of 897 owners.

73

Fred - N3KMA

On Fri, Apr 9, 2010 at 12:21 PM, Charles Scott <cscott@...>wrote:

>
>
> All:
>
> In the beginning, Radio Amateurs were tinkerers and inventors. As the
> hobby developed, that tradition continued and I would argue is alive and
> well today. In time, other aspects of Ham Radio evolved that included
> good will, public service, emergency/disaster communications support,
> and the simple pleasure and excitement of communications. Anyone who
> expects all Hams to fit into a classic mold is bound to be disappointed.
>
> There will always be those tinkerers. There will always be the classic
> modes--yes, including CW. There will always be true engineers in our
> hobby. There will, however, be members of our ranks who are not
> interested in those aspects of Ham Radio and who will morph the hobby to
> be what they envision it to be.
>
> I've been a Ham for 46 years and cut my teeth on tube gear, CW, and AM.
> I've built equipment, constructed antennas, and engineered repeater
> systems. I would not, however, expect all others to follow the path I
> have taken. I appreciate the contribution all Hams make to our hobby,
> whether that's "appliance operators" having a nice chat with some DX
> station, training with local emergency services to provide support in a
> time of need, or developing new digital communications modalities. It is
> simply not necessary that they do it my way and, frankly, I appreciate
> that they do bring diversity to the hobby I love.
>
> It's not a technical test, nor prowess in repair, nor the Extra Class
> moniker that makes a Ham. It is instead a desire and a willingness to
> become involved, in whatever way, and in doing so to enjoy, improve, and
> promote Ham Radio.
>
> Chuck - N8DNX

>
>
>

[Non-text portions of this message have been removed]

29675. Re: [FT897] Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 18:58:57 UTC
From: N4CQR
Topic: 29459 Message: 29675

Pete,

Just out of curosity, what was the turn around time on your radio? I had the same problem last year. Shipped on a Monday and had it back the following Monday. Mine was in warranty at the time. From KY to CA and back in 7 days is rather inpressive.

Thanks,

Craig

--- On Fri, 4/9/10, w8bux <aa8l@...> wrote:

> Just got my 897 back from Yaesu
> today. They replaced a ceramic filter and that took
> care of it. They charged $70.

29676. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 19:04:35 UTC
From: Bill Husted
Topic: 29620 Message: 29676

That's a fine way of saying it, I think. Now that everyone has had his say, maybe this place can return to being a forum about the ft897.

Bill KQ4YA
----- Original Message -----
From: "Fred Fish" <n3kma1@...>
To: <FT897@yahoogroups.com>
Sent: Friday, April 09, 2010 2:43 PM
Subject: Re: [FT897] Re: New 897

>I was beginning to think that I had joined the wrong group. I was thinking
> that it was a support group for owners of the FT-897D. Then, for a few
> days, there are all these opinions about oldies and newbies and that whole
> thing turned into an opportunity for people to complain about the hobby.
> Therefore, Charles, I really appreciate your perspective. I hope that
> sometime, we can get back to being supportive of 897 owners.
>
> 73
>
> Fred - N3KMA
>
> On Fri, Apr 9, 2010 at 12:21 PM, Charles Scott
> <cscott@...>wrote:
>
>>
>>
>> All:
>>
>> In the beginning, Radio Amateurs were tinkerers and inventors. As the
>> hobby developed, that tradition continued and I would argue is alive and
>> well today. In time, other aspects of Ham Radio evolved that included
>> good will, public service, emergency/disaster communications support,
>> and the simple pleasure and excitement of communications. Anyone who
>> expects all Hams to fit into a classic mold is bound to be disappointed.
>>
>> There will always be those tinkerers. There will always be the classic
>> modes--yes, including CW. There will always be true engineers in our
>> hobby. There will, however, be members of our ranks who are not
>> interested in those aspects of Ham Radio and who will morph the hobby to
>> be what they envision it to be.
>>
>> I've been a Ham for 46 years and cut my teeth on tube gear, CW, and AM.
>> I've built equipment, constructed antennas, and engineered repeater
>> systems. I would not, however, expect all others to follow the path I
>> have taken. I appreciate the contribution all Hams make to our hobby,

>> whether that's "appliance operators" having a nice chat with some DX
>> station, training with local emergency services to provide support in a
>> time of need, or developing new digital communications modalities. It is
>> simply not necessary that they do it my way and, frankly, I appreciate
>> that they do bring diversity to the hobby I love.
>>
>> It's not a technical test, nor prowess in repair, nor the Extra Class
>> moniker that makes a Ham. It is instead a desire and a willingness to
>> become involved, in whatever way, and in doing so to enjoy, improve, and
>> promote Ham Radio.
>>
>> Chuck - N8DNX
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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29677. Re: Newbie Question

Yahoo group: FT897 (2010)
Date: 2010-04-09 20:02:31 UTC
From: JohnB123
Topic: 14573 Message: 29677

Thanks. It seems a whole lot easier to replace a jumper than the connector!
73, John KC2WRG

--- In FT897@yahoogroups.com, "Ted Wrobel" <twrobel@...> wrote:
>
> Hi John,
>
> I think it is a good idea for a couple of reassons. First, as you note, it
> saves lots of connector wear. Second, you can usually cable tie the pigtail
> coax to some secure place on/near the radio to avoid accidental strain on
> the radio connector.
>
> It's a simple, cheap and convenient way to connect the radio.
>
> 73
> Ted
> W1GRI
>
> -----
>
>
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>
>
>
> [Non-text portions of this message have been removed]
>

29678. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 20:36:37 UTC
From: Bernie
Topic: 29620 Message: 29678

I am new to this list. I am also a re-newed operator having started out 35 years ago, yes as a novice - taking the test and code too. Then with restraints of work, I had my own restaurants that required anywhere from 16 or more hours a day, I didn't have time to keep at it. Now that I am into forced retirement, massive heart attack, I am back at it and enjoying what I am "learning" all over again. I came into the forum and one of the first things that I saw was someone beratting me and all other "techs" because we have "appliances" to operate. I have a FT-897D that I will be using as a portable and also a FT-2000D that I am setting up as my main station. I thought this was about the FT-897's. His ranting about me and all others that "don't have a 50 year history" as an op just about turned me off to this forum. I wonder if he has an 897 even or maybe he is not able to "use" his knowledge to get it working right.

But as I stayed around I saw people that are true elmers coming on board. This forum is about learning and that is what I am trying to do. Yes I am having trouble getting my 897 working but I am working on it. And it has nothing to do with the knowledge, or lack of, that I have from designing and building my own transmitter many years ago.

I will step down now. This has been burning me since I read it and had to get it off my chest. All I know is I am an amaetuer operator just like he is and well on my way to my next level.

Bernie
KD8NBC

--- In FT897@yahoogroups.com, "wa4zvg" <wa4zvg@...> wrote:
>
> Hank,
>
> Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any money if the average ham could repair his own rig and then again, you would be really hard pressed to actually find any of these new hams that actually COULD fix any of the older radio's. They could actually save some money by just leaving off the CW mode on these newer rigs, because these new hams couldn't send an SOS on CW on a sinking ship to save their lives!! Isn't it amazing that us older hams actually got on the air with the old tubes rigs at all?? !!! We did OK, and not only survived with them, but thrived with them. You get on HF now with an old analog HF tube rig and are off 10 HZ and these new digital boys are gonna let you know

it. IMMEDIATELY. About 10 of them will jump in there are tell you that you are off frequency!! In the old days we would simply reach down and turn the clarifier and not say a word and go on with the conversation. These new ones will look at you today and ask?? Whats a clarifier?? Amazing. When the only requirement to get a license now days is to memorize a few simple questions and answers and sign your name to the answer booklet to get a license I guess they had to come out with radio's like the 897, 1000 and 2000 with all those menus so the built in digital programs can tune the radio for them. For years I gave the CB'ers hell, but you know I actually owe them a big apology. They BEHAVE 100 X better than most of these new hams on HF. Just listen on ANY given night on 80 meters on say 3810 or 3843. Again, when they dummy down the requirements for a license just to attract people to the hobby in order to sell radio's, thats the kind of operators you get. In our own call area, the 4 call area, they are on the KJ4 xxx already and are down to about the KJ$t (XX) already in the course of about 4 months. Go to QRZ or any call sign database and just plug any 3 letters in after the KJ4 and you will be very very very lucky to come up with a license class where they actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
> Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.
>
> --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:

29679. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 20:37:52 UTC
From: w8bux
Topic: 29459 Message: 29679

18 days from Michigan to California and back. Not in warranty, but they kept in touch, gave me an estimate to approve first, and satisfied their customer.

Pete AA8L

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> Pete,
>
> Just out of curosity, what was the turn around time on your radio? I had the same problem last year. Shipped on a Monday and had it back the following Monday. Mine was in warranty at the time. From KY to CA and back in 7 days is rather inpressive.
>
> Thanks,
>
> Craig
>
>
> --- On Fri, 4/9/10, w8bux <aa8l@...> wrote:
>
> > Just got my 897 back from Yaesu
> > today. They replaced a ceramic filter and that took
> > care of it. They charged $70.
>

29680. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 21:01:18 UTC
From: Hank
Topic: 29620 Message: 29680

Hello Bernie, glad you stayed. The 897D is my first digital HF rig and I also had trouble figuring it out. I have used HF rigs for years, was a 30454 Ground Radio Comm Specialist in the USAF so I know comm gear, and I'm an IT professional now so I'm not foreign to computers. But todays digital radios have technology in them that is not standard day-to-day info. Keep at it and send your questions to this group; you'll get the answers you need and be enjoying the rig before you know it.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Bernie" <pizzameister2001@...> wrote:
>

>
> Yes I am having trouble getting my 897 working but I am working on it. And it has nothing to do with the knowledge, or lack of, that I have from designing and building my own transmitter many years ago.

> Bernie
> KD8NBC
>

29681. Re: [FT897] Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-09 21:09:11 UTC
From: N4CQR
Topic: 29459 Message: 29681

Thanks, Pete!

I just like to keep track of these things for what ever reason. Sounds like good service to me.

I suspect production of the 897 will cease not too far into the future. And I hope I can have the funds to get another and stash it away. Dar fine radio for what it does. I use mine mostly on V/UHF and SWLing. Lost interest in HF years ago with the exception of digital modes on 20 and 40.

Then who knows, It's life may be like the FT-840. Still a bargin HF rig.

Have a pleasant weekend!

Craig

--- On Fri, 4/9/10, w8bux <aa8l@...> wrote:

> 18 days from Michigan to California
> and back. Not in warranty, but they kept in touch,
> gave me an estimate to approve first, and satisfied their
> customer.

29682. RE: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 21:31:33 UTC
From: Joseph Richard
Topic: 29620 Message: 29682

Just have fun and enjoy radio. It is just that simple. Geez, some of you guys are worst than toddlers. Don't spend time on things which do not affect the rhythm of your life. Too much time is wasted on appliance vs. vintage operators, dxers vs. casual users, digital vs analog operators, Cbers vs. Hamsters, HF'ers vs. High banders, and AM'ers vs. SSBers. Life is short. Care for someone who's suffering from a major disease which makes them immobile and incoherent for the last 3-months of their life. I think you will find perspective.

Just get on the air and talk. I find the most intelligent are the most humble, the ones who merely know just enough to be dangerous are the most arrogant, judgmental, and the biggest complainers/ want-to-be controllers.

Some of my rules:
1. Age does not necessarily bring forth wisdom.
2. It does not matter how you start, but how you finish.
3. You don't need a license to have honor.
4. Given the chance life is merely survived if you are standing outside the fire-Garth Brooks.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bernie
Sent: Friday, April 09, 2010 3:37 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: New 897

I am new to this list. I am also a re-newed operator having started out 35 years ago, yes as a novice - taking the test and code too. Then with restraints of work, I had my own restaurants that required anywhere from 16 or more hours a day, I didn't have time to keep at it. Now that I am into forced retirement, massive heart attack, I am back at it and enjoying what I am "learning" all over again. I came into the forum and one of the first things that I saw was someone beratting me and all other "techs" because we have "appliances" to operate. I have a FT-897D that I will be using as a portable and also a FT-2000D that I am setting up as my main station. I thought this was about the FT-897's. His ranting about me and all others that "don't have a 50 year history" as an op just about turned me off to this forum. I wonder if he has an 897 even or maybe he is not able to "use" his knowledge to get it working right.

But as I stayed around I saw people that are true elmers coming on board. This forum is about learning and that is what I am trying to do. Yes I am having trouble getting my 897 working but I am working on it. And it has

nothing to do with the knowledge, or lack of, that I have from designing and building my own transmitter many years ago.

I will step down now. This has been burning me since I read it and had to get it off my chest. All I know is I am an amaetuer operator just like he is and well on my way to my next level.

Bernie
KD8NBC

--- In FT897@yahoogroups.com, "wa4zvg" <wa4zvg@...> wrote:
>
> Hank,
>
> Thank you for still using the old tube rigs. They will both talk circles around these new digital rigs like the 897 and the receive is better also. Oh all these bells and whistles are pretty, but these new rigs are PLUG-PLAY and if it breaks down throw it away. In other words you can't work on these rigs like you can the older rigs. You have to send it back to the manufacturer and IF they still support it, you will get a $200 or $300 bill from them to repair it, on top of the $800 or $900 you paid for the radio. I guess that these new digital boys that were pretty well GIVEN their ham ticket since they dummied the requirements down to get a license like all this DSP crap and digital modes do these best they can and have to have these rigs that they can marry to a computer to be able to get on the air. I guess it is all about the almighty dollar and the manufacturers have taken full advantage of it in their conspiracy with the ARRL. They couldn't make any money if the average ham could repair his own rig and then again, you would be really hard pressed to actually find any of these new hams that actually COULD fix any of the older radio's. They could actually save some money by just leaving off the CW mode on these newer rigs, because these new hams couldn't send an SOS on CW on a sinking ship to save their lives!! Isn't it amazing that us older hams actually got on the air with the old tubes rigs at all?? !!! We did OK, and not only survived with them, but thrived with them. You get on HF now with an old analog HF tube rig and are off 10 HZ and these new digital boys are gonna let you know it. IMMEDIATELY. About 10 of them will jump in there are tell you that you are off frequency!! In the old days we would simply reach down and turn the clarifier and not say a word and go on with the conversation. These new ones will look at you today and ask?? Whats a clarifier?? Amazing. When the only requirement to get a license now days is to memorize a few simple questions and answers and sign your name to the answer booklet to get a license I guess they had to come out with radio's like the 897, 1000 and 2000 with all those menus so the built in digital programs can tune the radio for them. For years I gave the CB'ers hell, but you know I actually owe them a big apology. They BEHAVE 100 X better than most of these new hams on HF. Just listen on ANY given night on 80 meters on say 3810 or 3843. Again, when they dummy down the requirements for a license just to attract people to the hobby in order to sell radio's, thats the kind of operators you get. In our own call area, the 4 call area, they are on the KJ4 xxx already and are down to about the KJ$t (XX) already in the course of about 4 months. Go to QRZ

or any call sign database and just plug any 3 letters in after the KJ4 and you will be very very very lucky to come up with a license class where they actually have a General or above. 95 % of them are Techs and got into it to chase storms or babysit the kids that have a license too. Oh well enough of my rants and raves. There is nothing I can do about it.
> Keep those old tube rigs around Hank. They will be working and on the air when most of these newer digital rigs are in the trash heap.
>
> --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:

Yahoo! Groups Links

29683. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-10 14:31:15 UTC
From: Michael Walker
Topic: 29650 Message: 29683

What do you get if you use another radio on the same antenna?

Mike VA3MW

Mohd Misnan wrote:
> On Apr 6, 2010, at 3:27 AM, pavanroberto wrote:
>
>
>> Hy all,
>>
>> just having funny issue with s-meter RX indication during normal 2 meter FM operations, on my 1 year old FT897D.
>>
>> Now Max readout is S4 with strong (proven) signals (S9 and more).
>>
>> I doubled checked all parameters, and reset them to factory default.
>>
>> NB SQL/RF knob is set to SQL.
>>
>> What am I missing? is there any HW mulfunction or SW failure?
>>
>> 73, IK3DJC
>>
>
> Couldn't help but you're not the only one experiencing this problem. I'm having the same problem too and there is another owner with exact same problem.. only on 2m FM. If your unit is still under warranty, I guess you could try to send it out to Yaesu, and please do let us know what went wrong with it.. mine is way out of warranty now.
>
> 73, Mohd/9W2TPT
>

[Non-text portions of this message have been removed]

29684. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-10 15:04:21 UTC
From: Mohd Misnan
Topic: 29650 Message: 29684

On Apr 10, 2010, at 10:31 PM, Michael Walker wrote:

> What do you get if you use another radio on the same antenna?
>
> Mike VA3MW

As for my case, using the same antenna on different radios, I'm getting full S9 or more from local repeater (10km away) on my two other radios (an FT-60R HT and FTM-10R) but max to S4 on my FT897.

Mohd/9W2TPT

29685. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-10 16:32:33 UTC
From: N4CQR
Topic: 29650 Message: 29685

I would not get too bent out of shape concerning S-meters on amateur rigs.

Local Repeater Example:

706MKIIG = S-4 (S-7 with preamp on)
FT-8900R = S9+10
FT897D = S-9

All tests were done into a Comet GP15. I had also sent the 706 off to SAR Technical Services in MI to be checked out. Radio was tested and no problems what so ever were found.

No two meters on two different rigs are going to read exactally the same. Expecially if compaired to mono band rig.

Craig

--- On Sat, 4/10/10, Michael Walker <va3mw@...> wrote:

> From: Michael Walker <va3mw@...>
> Subject: Re: [FT897] FM S-METER TOO LOW
> To: FT897@yahoogroups.com
> Date: Saturday, April 10, 2010, 10:31 AM
> What do you get if you use another
> radio on the same antenna?
>
> Mike VA3MW
>
> Mohd Misnan wrote:
> > On Apr 6, 2010, at 3:27 AM, pavanroberto wrote:
> >
> >
> >> Hy all,
> >>
> >> just having funny issue with s-meter RX indication
> during normal 2 meter FM operations, on my 1 year old
> FT897D.
> >>
> >> Now Max readout is S4 with strong (proven) signals
> (S9 and more).
> >>
> >> I doubled checked all parameters, and reset them
> to factory default.
> >>
> >> NB SQL/RF knob is set to SQL.
> >>
> >> What am I missing? is there any HW mulfunction or
> SW failure?

> >>
> >> 73, IK3DJC
> >>
> >
> > Couldn't help but you're not the only one experiencing
> this problem. I'm having the same problem too and there is
> another owner with exact same problem.. only on 2m FM. If
> your unit is still under warranty, I guess you could try to
> send it out to Yaesu, and please do let us know what went
> wrong with it.. mine is way out of warranty now.
> >
> > 73, Mohd/9W2TPT
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   FT897-fullfeatured@yahoogroups.com
>
>
>

29686. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-10 19:44:54 UTC
From: Michael Walker
Topic: 29650 Message: 29686

Next question. Does it sound like a week signal, or is the S Meter just
off?

I assume you have the RF gain off, it isn't a bad patch cord and the
pre-amp is similar to the radio you tested with.

If the meter reading matches what you hear, then the front end has taken
a hit and needs to be repaired. See if you can get a signal generator
and get an s9 signal for 50uV of signal.

Mike VA3MW

Mohd Misnan wrote:
> On Apr 10, 2010, at 10:31 PM, Michael Walker wrote:
>
>
>> What do you get if you use another radio on the same antenna?
>>
>> Mike VA3MW
>>
>
> As for my case, using the same antenna on different radios, I'm getting full S9 or more from local repeater (10km away) on my two other radios (an FT-60R HT and FTM-10R) but max to S4 on my FT897.
>
> Mohd/9W2TPT
>

[Non-text portions of this message have been removed]

29687. RE: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-10 20:10:42 UTC
From: Joseph Richard
Topic: 29650 Message: 29687

I agree the S-meter on the FT-897D is pretty interesting.

On my FT-897D a S9 is equivalent to -95dBm on 146.000MHz, -100dBm on 52.000MHz, and -99dBm on 444.000MHz.
S9++ is equivalent to -98dBm on 146.000MHz, -85dBm on 52.000MHz, and -92dBm on 444.000MHz

Device used to make the measurements an HP Radio Test set. FM narrowband, 1Khz audio tone, 3KHz deviation.

MDS: -126dBm 146.000MHz, -124dBm on 52.000MHz, and -126dBm on 444.000MHz. My method of MDS is the least amount of signal required for me to hear and tone.

On my FT-530 Dual band.
Full scale reading on 146.000MHz -100dBm
Full scale reading on 444.000MHz -101dBm

Well, hope that helps.

JR
-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Walker
Sent: Saturday, April 10, 2010 2:45 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] FM S-METER TOO LOW

Next question. Does it sound like a week signal, or is the S Meter just off?

I assume you have the RF gain off, it isn't a bad patch cord and the pre-amp is similar to the radio you tested with.

If the meter reading matches what you hear, then the front end has taken a hit and needs to be repaired. See if you can get a signal generator and get an s9 signal for 50uV of signal.

Mike VA3MW

Mohd Misnan wrote:
> On Apr 10, 2010, at 10:31 PM, Michael Walker wrote:
>
>
>> What do you get if you use another radio on the same antenna?
>>
>> Mike VA3MW
>>

>
> As for my case, using the same antenna on different radios, I'm getting full S9 or more from local repeater (10km away) on my two other radios (an FT-60R HT and FTM-10R) but max to S4 on my FT897.
>
> Mohd/9W2TPT
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29688. batteries & chargers

Yahoo group: FT897 (2010)
Date: 2010-04-10 20:13:48 UTC
From: ZephyrNYC
Topic: 29688 Message: 29688

Greetings everyone,

Ready for a dumb question? I'd rather find out the answer to this question via the group, vice finding out via smoke and flames ;)

I own several chargers for my motorcycle batteries. One of them is the fully automatic charger/maintainer, Schumacher SC-600A.

http://store.schumachermart.com/sc-600a.html

It can rapid charge at 6A, medium charge at 4A, and slow charge at 2A; and has a float mode and short circuit protection. Are chargers such as this model suitable for charging other types of batteries (to be used to power an 857D and an autotuner), such as the Buddipole A123, LiPO, LiFePO4, or other non-lead acid batteries? Or would attempting this result in a fire? ;) Thanks.

73,
Frank

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.yahoo.com/group/FT-857/ , or send an email to
FT-857-subscribe@yahoogroups.com .

29689. s 9 noise

Yahoo group: FT897 (2010)
Date: 2010-04-09 21:42:26 UTC
From: mike phillippe
Topic: 29689 Message: 29689

i had same problem .it was a cheap chinese tv tuner in a cheap tv.even with the tv off the s 9 level stayed, when i un plugged the tv, it stopped, i gave away the tv.

[Non-text portions of this message have been removed]

29690. Re: Self Audio check

Yahoo group: FT897 (2010)
Date: 2010-04-09 15:36:16 UTC
From: Sean
Topic: 29647 Message: 29690

Call is W7TRD.
Thanks!

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> How do you all check your own mic audio? I would like to try different mics to see which one sounds the best, but don't know how to go about it. Do I need another piece of equipment? Another radio? I tried using the headphones but that didn't seem to work.
> Thanks!
>

29691. FT-897D Programming Software

Yahoo group: FT897 (2010)
Date: 2010-04-09 10:27:03 UTC
From: mwt2004uk
Topic: 29691 Message: 29691

Hi,

Does anyone know of any Free software that can be used to program repeaters into the FT897D

29692. Re: [FT897] FT-897 to LDG AT-100 Pro Tuner ...

Yahoo group: FT897 (2010)
Date: 2010-04-09 07:09:31 UTC
From: Martyn Keightley
Topic: 29652 Message: 29692

Alan,
 This is the cable you need. You are correct, it is not straight.
http://www.universal-radio.com/catalog/hamtune/46770218.html

Martyn
M0KXO

--- On Thu, 8/4/10, Alan E. Lutz <lutz48@...> wrote:

From: Alan E. Lutz <lutz48@...>
Subject: [FT897] FT-897 to LDG AT-100 Pro Tuner ...
To: "FT-897 Yahoo Group" <FT897@yahoogroups.com>
Date: Thursday, 8 April, 2010, 16:24

Folks,

I am new to the group and have a question.

For whatever reason, LDG in their infinite wisdom only includes a cable to connect the AT-100 Pro II tuner to an Icom radio. I have a Yaesu FT-897. I see that K4SCH posted photos of the connection to the LDG AT-897 tuner. Does anyone know if the pinouts are the same for the 897 and 100 tuners? . Each end of the 100 cable has a 1/8" stereo phone plugs as shown in K4SCH's photo. I do have reason to believe it is not straight through and is likely as shown for K4SCH's 897 tun er cable. Thanks in advance for the help.

73 de Alan

KB1TQL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29693. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-09 17:17:58 UTC
From: Danilo I.A.
Topic: 29620 Message: 29693

Chuck,
thank you for your statement.
I would dare say it is "words of wisdom".
72
Daniel IK1XHN

2010/4/9 Charles Scott <cscott@...>

>
>
> All:
>
> In the beginning, Radio Amateurs were tinkerers and inventors. As the
> hobby developed, that tradition continued and I would argue is alive and
> well today. In time, other aspects of Ham Radio evolved that included
> good will, public service, emergency/disaster communications support,
> and the simple pleasure and excitement of communications. Anyone who
> expects all Hams to fit into a classic mold is bound to be disappointed.
>
> There will always be those tinkerers. There will always be the classic
> modes--yes, including CW. There will always be true engineers in our
> hobby. There will, however, be members of our ranks who are not
> interested in those aspects of Ham Radio and who will morph the hobby to
> be what they envision it to be.
>
> I've been a Ham for 46 years and cut my teeth on tube gear, CW, and AM.
> I've built equipment, constructed antennas, and engineered repeater
> systems. I would not, however, expect all others to follow the path I
> have taken. I appreciate the contribution all Hams make to our hobby,
> whether that's "appliance operators" having a nice chat with some DX
> station, training with local emergency services to provide support in a
> time of need, or developing new digital communications modalities. It is
> simply not necessary that they do it my way and, frankly, I appreciate
> that they do bring diversity to the hobby I love.
>
> It's not a technical test, nor prowess in repair, nor the Extra Class
> moniker that makes a Ham. It is instead a desire and a willingness to
> become involved, in whatever way, and in doing so to enjoy, improve, and
> promote Ham Radio.
>
> Chuck - N8DNX
>
>
>

--
Danilo Imperatore-Antonucci IK1XHN

I.N.O.R.C. # 582 - A.R.M.I. # 169

http://www.qrz.com/db/ik1xhn

[Non-text portions of this message have been removed]

29694. W4RT Battery (need charger)

Yahoo group: FT897 (2010)
Date: 2010-04-10 12:39:38 UTC
From: Frank Krozel
Topic: 29694 Message: 29694

Just got a W4RT battery off the net, guy stated it was only charged a few times.
I was going to "test it out" but note it has a 6 pin connector to charge it (?)
Then on the power output side. it has 3 pin plug to go into the radio (?)
I did some quick look on the files side here on the Yahoo Group for 897 and believe this battery technology to be charged with "negative delta V" style.
Here is the question. I have several Maha 777 "Negative delta V chargers and want to know if anyone has charged these batteries before with a 777 or a negative delta V charger..
A quick look at W4RT's site did not reveal anything I can use to determine the pinout.
Ideally, I would like to plug this into my 897 and then wire up a plug to plug into the 6 pin, using negative delta v charger.
Side question, if I use this inside my 897 how does it limit to the 20 watts out that I believe it runs when I am running batteries.
Thoughts?
Frank KG9H / Antioch IL

29695. CPU reset while transmitting

Yahoo group: FT897 (2010)
Date: 2010-04-10 21:00:32 UTC
From: kd6ftr
Topic: 29695 Message: 29695

This afternoon I was working a W4 station on 15m when, in the middle of my QSO, my radio did a full CPU reset, returning everything to factory settings. I have an LDG AT-897Plus tuner attached the radio with an LDG FT Meter for a little better/larger display. The SWR on the FT meter showed 1.1:1, my RF Power Set (No-075) was set at 100W and the radio is grounded.

Thankfully I previously saved the memory channels using Mac Memories Manager from Dog Park Software and was able to copy them back into memory. However, this is the second time it's happened.

Does anyone have any ideas or suggestions?

73 de Mike/KD6FTR

29696. FT897D Programming Cable

Yahoo group: FT897 (2010)
Date: 2010-04-09 13:30:18 UTC
From: mwt2004uk
Topic: 29696 Message: 29696

Hi,

I received my 897D a few weeks ago. I am looking at building the programming cable for this rig. Does anyone have a link or file that they can post that tells mw what I need and how to do it.

29697. Re: [FT897] batteries & chargers

Yahoo group: FT897 (2010)
Date: 2010-04-10 22:09:01 UTC
From: Curt Givens
Topic: 29688 Message: 29697

Frank, I can't speak to other non Pb batteries but you definitely do not want to try to charge the Li Po batteries with anything but the correct Li Po charger unless you're into to fire and explosion. They have their very own charging regime and take exception to anything else.

de Curt KC8STE

--- On Sat, 4/10/10, ZephyrNYC <ZephyrNYC@...> wrote:

From: ZephyrNYC <ZephyrNYC@...>
Subject: [FT897] batteries & chargers
To:
Date: Saturday, April 10, 2010, 4:13 PM

Greetings everyone,

Ready for a dumb question? I'd rather find out the answer to this

question via the group, vice finding out via smoke and flames ;)

I own several chargers for my motorcycle batteries. One of them is

the fully automatic charger/maintainer, Schumacher SC-600A.

http://store. schumachermart. com/sc-600a. html

It can rapid charge at 6A, medium charge at 4A, and slow charge at 2A;

and has a float mode and short circuit protection. Are chargers such

as this model suitable for charging other types of batteries (to be

used to power an 857D and an autotuner), such as the Buddipole A123,

LiPO, LiFePO4, or other non-lead acid batteries? Or would attempting

this result in a fire? ;) Thanks.

73,

Frank

Join the largest Yaesu FT-857 group on Yahoo at

http://groups. yahoo.com/ group/FT- 857/ , or send an email to

FT-857-subscribe@ yahoogroups. com .

[Non-text portions of this message have been removed]

29698. Re: [FT897] CPU reset while transmitting

Yahoo group: FT897 (2010)
Date: 2010-04-10 22:40:42 UTC
From: Paul Graham
Topic: 29695 Message: 29698

Hello Mike,

897's seem to be rather prone to this sort of thing. Mine did a full reset quite some time ago. Also, A/B, I tend to use one for HF and another for VHF. I've found both to be on HF numerous times (including this week).
For me it seems to be RF in the shack, which I'm mostly prone to on 80m. Some times my radio also turns itself off. It only ever does this when I transmit, even though I'm limited to 50w.

Paul.

From: kd6ftr <mike@...>
To: FT897@yahoogroups.com
Sent: Sat, 10 April, 2010 22:00:32
Subject: [FT897] CPU reset while transmitting

This afternoon I was working a W4 station on 15m when, in the middle of my QSO, my radio did a full CPU reset, returning everything to factory settings. I have an LDG AT-897Plus tuner attached the radio with an LDG FT Meter for a little better/larger display. The SWR on the FT meter showed 1.1:1, my RF Power Set (No-075) was set at 100W and the radio is grounded.

Thankfully I previously saved the memory channels using Mac Memories Manager from Dog Park Software and was able to copy them back into memory. However, this is the second time it's happened.

Does anyone have any ideas or suggestions?

73 de Mike/KD6FTR

[Non-text portions of this message have been removed]

29699. Re: [FT897] W4RT Battery (need charger)

Yahoo group: FT897 (2010)
Date: 2010-04-10 22:45:07 UTC
From: P Grant
Topic: 29694 Message: 29699

Hello Frank,

I looked up the W4RT web page,,, it states that it is a 10AH, Ni-Mh battery pack, 9.6 VDC output. suitable for the FT817, and FT817ND, These are designed as QRP portable radios and with max Power on TX of 5 watts. It does not state as suitable for FT897 . Your FT 897 needs around 12 VDC to run properly ! !

The extra wiring on the charging terminals are for thermal protection and such.

Factory price advertised is 107 British Pounds = about $165.oo US.

Do a web seach for "W4RT MEGA-817" and have a read at the spec.

73 Peter EI4HX ei4hxperimental@... www.ei7dar.com

----- Original Message -----
From: Frank Krozel
To: FT897
Sent: Saturday, April 10, 2010 1:39 PM
Subject: [FT897] W4RT Battery (need charger)

Just got a W4RT battery off the net, guy stated it was only charged a few times.
I was going to "test it out" but note it has a 6 pin connector to charge it (?)
Then on the power output side. it has 3 pin plug to go into the radio (?)
I did some quick look on the files side here on the Yahoo Group for 897 and believe this battery technology to be charged with "negative delta V" style.
Here is the question. I have several Maha 777 "Negative delta V chargers and want to know if anyone has charged these batteries before with a 777 or a negative delta V charger..
A quick look at W4RT's site did not reveal anything I can use to determine the pinout.
Ideally, I would like to plug this into my 897 and then wire up a plug to plug into the 6 pin, using negative delta v charger.
Side question, if I use this inside my 897 how does it limit to the 20 watts out that I believe it runs when I am running batteries.
Thoughts?
Frank KG9H / Antioch IL

[Non-text portions of this message have been removed]

29700. Re: [FT897] Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-10 23:54:09 UTC
From: jsilberman
Topic: 29620 Message: 29700

Hank,

If you want to work 2M SSB, 144.200 is the "Calling Freq" and that's
where the action centers. Also, look up SWOT, Sidewinders on Two, they
are a 2M SSB organization. Your 897 and a moderate antenna will get
around FL, GA, AL, and then some. And when E skip occurs this summer
you'll have some great contacts.
146.52 is an FM simplex freq.

GL 73!

John
KB4CRT/VP2MRT

Hank wrote:
>
>
>
>
> Matt, I couldn't have said it better myself. When I read the post I
> wanted to comment, but withheld because my thoughts were less than
> professional. But I fully agree with what you wrote. My Grandfather
> was licensed in the WW2 era and built his first transmitter. He was a
> Electrical Engineer and Signal Corp during the war. He has told me
> about the tests they took back then, and all I can say is that anyone
> who could pass one of those test should be proud. But he never turned
> away helping any ham that needed help, regardless of what test they took.
>
> And what's wrong with VHF? While I prefer HF (17 meters), *I have
> started monitoring 146.520 SSB. *Some days I can barely hear someone
> out there. I cannot wait for my first tropo 2 mtr DX contact.
>
> Hank / KB4MTO
>
>
>

[Non-text portions of this message have been removed]

29701. Re: [FT897] batteries & chargers

Yahoo group: FT897 (2010)
Date: 2010-04-11 01:56:02 UTC
From: John Faughn
Topic: 29688 Message: 29701

Frank ,
Any battery is going to have some specific charging requirements , each battery is going to have its own type of charger & process .
With your question it indicates a almost lack of knowledge and batteries , no problem nobody knows everything .
This is maybe more than you ever wanted to know about batteries , but since so many things we have today use batteries , save yourself a lot of money & grief and study this site to keep from damaging all kinds of things you own .

Deep Cycle Battery FAQ <http://www.windsun.com/Batteries/Battery_FAQ.htm>

John kd0cac
73

On Sat, Apr 10, 2010 at 5:09 PM, Curt Givens <giveadurn@...> wrote:

>
>
> Frank, I can't speak to other non Pb batteries but you definitely do not
> want to try to charge the Li Po batteries with anything but the correct Li
> Po charger unless you're into to fire and explosion. They have their very
> own charging regime and take exception to anything else.
>
> de Curt KC8STE
>
> --- On Sat, 4/10/10, ZephyrNYC <ZephyrNYC@...<ZephyrNYC%40gmail.com>>
> wrote:
>
> From: ZephyrNYC <ZephyrNYC@... <ZephyrNYC%40gmail.com>>
> Subject: [FT897] batteries & chargers
> To:
> Date: Saturday, April 10, 2010, 4:13 PM
>
>
>
>
>
> Greetings everyone,
>
> Ready for a dumb question? I'd rather find out the answer to this
>
> question via the group, vice finding out via smoke and flames ;)
>
> I own several chargers for my motorcycle batteries. One of them is
>
> the fully automatic charger/maintainer, Schumacher SC-600A.

>
> http://store. schumachermart. com/sc-600a. html
>
> It can rapid charge at 6A, medium charge at 4A, and slow charge at 2A;
>
> and has a float mode and short circuit protection. Are chargers such
>
> as this model suitable for charging other types of batteries (to be
>
> used to power an 857D and an autotuner), such as the Buddipole A123,
>
> LiPO, LiFePO4, or other non-lead acid batteries? Or would attempting
>
> this result in a fire? ;) Thanks.
>
> 73,
>
> Frank
>
> Join the largest Yaesu FT-857 group on Yahoo at
>
> http://groups. yahoo.com/ group/FT- 857/ , or send an email to
>
> FT-857-subscribe@ yahoogroups. com .
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29702. Re: [FT897] batteries & chargers

Yahoo group: FT897 (2010)
Date: 2010-04-11 02:19:10 UTC
From: DALE
Topic: 29688 Message: 29702

This site should also be read for the Lithium Ion battery data.
http://www.batteryuniversity.com/index.htm
Also Lithium Ion takes a different charger than the Li-PO batteries
dale

----- Original Message -----
From: "John Faughn" <john.faughn@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 10, 2010 6:56:02 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] batteries & chargers

Frank ,
Any battery is going to have some specific charging requirements , each
battery is going to have its own type of charger & process .
With your question it indicates a almost lack of knowledge and batteries ,
no problem nobody knows everything .
This is maybe more than you ever wanted to know about batteries , but since
so many things we have today use batteries , save yourself a lot of money &
grief and study this site to keep from damaging all kinds of things you own
.

Deep Cycle Battery FAQ <http://www.windsun.com/Batteries/Battery_FAQ.htm>

John kd0cac
73

29703. Re: New 897

Yahoo group: FT897 (2010)
Date: 2010-04-11 02:49:02 UTC
From: Hank
Topic: 29620 Message: 29703

Hello John, and thanks for the info. I realized my frequency mistake earlier today. While driving in my car with the xyl, I began thinking about people monitoring 146.52 while traveling, and how many of the 2 mtr rigs don't have SSB. So when I got home I looked at a calling frequency guide and saw that 144.200 was for SSB. So I will monitor that freq and see what happens.

I live in a deed restricted neighborhood, so my VHF/UHF antenna is an Arrow dual-band J-Pole in the second story attic. This antenna does very well. With 20 watts, I'm easily hitting repeaters 20+ miles away, so I should do quite well when e skip occurs. I plan on building a VHF beam with a small rotor and put it in the attic for 2 mtr SSB.

Also, thanks for the info on SWOT. I am definitely going to look into them.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, jsilberman <jpsradio@...> wrote:
>
> Hank,
>
> If you want to work 2M SSB, 144.200 is the "Calling Freq" and that's
> where the action centers. Also, look up SWOT, Sidewinders on Two, they
> are a 2M SSB organization. Your 897 and a moderate antenna will get
> around FL, GA, AL, and then some. And when E skip occurs this summer
> you'll have some great contacts.
> 146.52 is an FM simplex freq.
>
> GL 73!
>
> John
> KB4CRT/VP2MRT
>

29704. Re: [FT897] FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-11 07:11:07 UTC
From: Mohd Misnan
Topic: 29650 Message: 29704

On Apr 11, 2010, at 12:32 AM, N4CQR wrote:

> I would not get too bent out of shape concerning S-meters on amateur rigs.
>
> Local Repeater Example:
>
> 706MKIIG = S-4 (S-7 with preamp on)
> FT-8900R = S9+10
> FT897D = S-9
>
> All tests were done into a Comet GP15. I had also sent the 706 off to SAR Technical Services in MI to be checked out. Radio was tested and no problems what so ever were found.
>
> No two meters on two different rigs are going to read exactally the same. Expecially if compaired to mono band rig.
>
> Craig

It seems that I was hijacking the original poster thread/question but anyway, for my case, this problem occurred few months ago after the rig was idle for few months. Bought it in 2007 and used it almost daily on 2m before I have a dedicated 2m mobile unit in my shack. As far as I remember, the last time I turned it on late last year, everything was okay.. no problem getting S9 on further away repeaters (now I need to put the squelch way down to get them). It was early of the year when I loaned my 2m mobile unit to my friend that I turned the FT897 on once again and found that I've the problem as stated by the original poster and I think one other owner in this mailing list. Nothing much I could do since Yaesu does not have it office here in my country, may need to ship it up to Hong Kong or Japan to get this fix I guess.

Regards,
Mohd/9W2TPT

29705. Re: [FT897] Display FT-897

Yahoo group: FT897 (2010)
Date: 2010-04-11 12:47:50 UTC
From: Dean Nash
Topic: 29549 Message: 29705

73 de N4SHD

From: alfredaopinheiro <alfredaopinheiro@...>
To: FT897@yahoogroups.com
Sent: Sun, March 28, 2010 2:36:39 PM
Subject: [FT897] Display FT-897

Hello to all of the group.
I have a FT-897D, with 1 year of use, some days ago began to appear some stripes, as if they were defective in the display, the strips are vertical. Did some of the friends already see that problem type?
Wayner
Rio de Janeiro

[Non-text portions of this message have been removed]

29706. Re: batteries & chargers

Yahoo group: FT897 (2010)
Date: 2010-04-11 13:46:45 UTC
From: ZephyrNYC
Topic: 29688 Message: 29706

Thanks for all your advice, everyone. You have saved countless lives
by preventing a possible apartment building fire. Smokey would be
proud of each and every one of you ;)

73,
Frank

29707. Re: [FT897] FT-897 to LDG AT-100 Pro Tuner ...

Yahoo group: FT897 (2010)
Date: 2010-04-11 16:21:24 UTC
From: Alan E. Lutz
Topic: 29652 Message: 29707

Thanks,

I already made on up Friday morning.

73 de Alan
KB1TQL

----- Original Message -----
From: Martyn Keightley
To: FT897@...m
Sent: Friday, April 09, 2010 3:09 AM
Subject: Re: [FT897] FT-897 to LDG AT-100 Pro Tuner ...

Alan,
This is the cable you need. You are correct, it is not straight.
http://www.universal-radio.com/catalog/hamtune/46770218.html

Martyn
M0KXO

--- On Thu, 8/4/10, Alan E. Lutz <lutz48@...> wrote:

From: Alan E. Lutz <lutz48@...t>
Subject: [FT897] FT-897 to LDG AT-100 Pro Tuner ...
To: "FT-897 Yahoo Group" <FT897@yahoogroups.com>
Date: Thursday, 8 April, 2010, 16:24

Folks,

I am new to the group and have a question.

For whatever reason, LDG in their infinite wisdom only includes a cable to connect the AT-100 Pro II tuner to an Icom radio. I have a Yaesu FT-897. I see that K4SCH posted photos of the connection to the LDG AT-897 tuner. Does anyone know if the pinouts are the same for the 897 and 100 tuners? . Each end of the 100 cable has a 1/8" stereo phone plugs as shown in K4SCH's photo. I do have reason to believe it is not straight through and is likely as shown for K4SCH's 897 tun er cable. Thanks in advance for the help.

73 de Alan

KB1TQL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29708. Tuning Up w/ LDG AT-100...

Yahoo group: FT897 (2010)
Date: 2010-04-11 17:25:13 UTC
From: Alan E. Lutz
Topic: 29708 Message: 29708

I just got an LDG AT-100 Pro-II tuner. When I first set it up with the cable to the FT-897D it would trigger the transmitter and tune-up. Now when I change to a new freq/band and initiate a tune-up, it will not trigger the xmitter. If I actually transmit on the said frequency, the tuner will go into a tune-up. It seems as if the tuner is not trigger the xmit in the 897. Anybody have any ideas what may be wrong?

73 de Alan
KB1TQL

[Non-text portions of this message have been removed]

29709. Re: FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-11 17:26:54 UTC
From: pavanroberto
Topic: 29650 Message: 29709

Hy all agn,

thanks for sharing all experiences.

As far as I suppose, there is some SW mis-working, ie inside the processor configuration is some (now corrupted) data that make all working fine, s-meter included.

Infact I'm not claiming rig FM sensivity, but only s-meter readout.

I know that on Service Menu (not accessible normally) there is a parameter that sets 2meter FM s-meter level.

73, Roberto IK3DJC

29710. Re: [FT897] Tuning Up w/ LDG AT-100...

Yahoo group: FT897 (2010)
Date: 2010-04-11 17:33:48 UTC
From: Alan E. Lutz
Topic: 29708 Message: 29710

Oops! Helps if the cable is in the correct jack. I had removed it and inadvertently put it in the "Key" jack. Works fine now.
----- Original Message -----
From: Alan E. Lutz
To: FT897@yahoogroups.com
Sent: Sunday, April 11, 2010 1:25 PM
Subject: [FT897] Tuning Up w/ LDG AT-100...

I just got an LDG AT-100 Pro-II tuner. When I first set it up with the cable to the FT-897D it would trigger the transmitter and tune-up. Now when I change to a new freq/band and initiate a tune-up, it will not trigger the xmitter. If I actually transmit on the said frequency, the tuner will go into a tune-up. It seems as if the tuner is not trigger the xmit in the 897. Anybody have any ideas what may be wrong?

73 de Alan
KB1TQL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29711. Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-11 22:51:55 UTC
From: KB3CVS (Tom)
Topic: 29711 Message: 29711

I've never timed the use of the batteries - how long can they be
expected to run the radio, say in 2m mode, and what would the max power be?

Can the radio switch from one battery to another without turning off?

I guess the next question would be, has anyone used SOLAR power to
charge batteries for remote use?

Thanks!

73,
-Tom-

[Non-text portions of this message have been removed]

29712. Re: [FT897] FT897D Programming Cable

Yahoo group: FT897 (2010)
Date: 2010-04-11 01:16:58 UTC
From: Mike McRoberts
Topic: 29696 Message: 29712

I understand the interest in homebrew, however, for about the same cost and less time you can buy one from http://www.kawamall.com. I bought one from them and use it regularly on my 897D.

The best part is that is is a USB cable and can be used on most computers.

73 de Mike/KD6FTR

Sent from Mike's iPhone 3G

On Apr 9, 2010, at 6:30, "mwt2004uk" <matthew.w.taylor@...>
wrote:

> Hi,
>
> I received my 897D a few weeks ago. I am looking at building the
> programming cable for this rig. Does anyone have a link or file that
> they can post that tells mw what I need and how to do it.
>
>

[Non-text portions of this message have been removed]

29713. Re: [FT897] CPU reset while transmitting

Yahoo group: FT897 (2010)
Date: 2010-04-11 02:14:58 UTC
From: Mike McRoberts
Topic: 29695 Message: 29713

On Apr 10, 2010, at 4/10/10, 15:40, Paul Graham wrote:
> Hello Mike,
>
> 897's seem to be rather prone to this sort of thing. Mine did a full reset quite some time ago. Also, A/B, I tend to use one for HF and another for VHF. I've found both to be on HF numerous times (including this week).
>
Thanks for the quick reply Paul. I thought I might have had a faulty component in the final amp or something.

Quick Q RE; the A/B. Do you set one up specifically for HF and the other for VHF/UHF and then you see that they both mysteriously end up somewhere in the HF bands?

> For me it seems to be RF in the shack, which I'm mostly prone to on 80m. Some times my radio also turns itself off. It only ever does this when I transmit, even though I'm limited to 50w.
>

I'm not sure what other source would be generating RF in my shack. I may have other issues with electrical interference though. Thanks again for the info. You've given me some idea of where to start 'sniffing.'

73 de Mike/KD6FTR
Morgan Hill, CA
CM97ed

[Non-text portions of this message have been removed]

29714. Re: [FT897] FT-897D Programming Software

Yahoo group: FT897 (2010)
Date: 2010-04-11 02:07:49 UTC
From: Mike McRoberts
Topic: 29691 Message: 29714

I'm unsure about Windows or other OSes, but on Mac OSX you can use Mac Memories Manager from Dog Park Software. Check out their web site @ http://www.dogparksoftware.com/.

73...Mike

On Apr 9, 2010, at 4/9/10, 03:27, mwt2004uk wrote:

> Hi,
>
> Does anyone know of any Free software that can be used to program repeaters into the FT897D
>
>

[Non-text portions of this message have been removed]

29715. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 00:16:34 UTC
From: Alan E. Lutz
Topic: 29711 Message: 29715

I have a 130 watt solar panel on top of my Tiger motorhome and have been off the grid for as much as three days without starting the generator or engine running lights, water pump and the exhaust fan. We'll have to see how long the two 6volt golf cart batteries last while running radios.

73 de Alan
KB1TQL

----- Original Message -----
From: KB3CVS (Tom)
To: FT897@yahoogroups.com
Sent: Sunday, April 11, 2010 6:51 PM
Subject: [FT897] Question on battery power

I've never timed the use of the batteries - how long can they be
expected to run the radio, say in 2m mode, and what would the max power be?

Can the radio switch from one battery to another without turning off?

I guess the next question would be, has anyone used SOLAR power to
charge batteries for remote use?

Thanks!

73,
-Tom-

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29716. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 00:33:03 UTC
From: KB3CVS (Tom)
Topic: 29711 Message: 29716

Thank you for your response, however, perhaps I needed to be a little
more specific: I meant the batteries internal to the FT897(D/no D).

I was wondering what typical operating times and power people get using
the internal batteries, on something like 2m.

-Tom-

On 4/11/2010 8:16 PM, Alan E. Lutz wrote:
>
>
> I have a 130 watt solar panel on top of my Tiger motorhome and have
> been off the grid for as much as three days without starting the
> generator or engine running lights, water pump and the exhaust fan.
> We'll have to see how long the two 6volt golf cart batteries last
> while running radios.
>
> 73 de Alan
> KB1TQL
>
> ----- Original Message -----
> From: KB3CVS (Tom)
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Sunday, April 11, 2010 6:51 PM
> Subject: [FT897] Question on battery power
>
> I've never timed the use of the batteries - how long can they be
> expected to run the radio, say in 2m mode, and what would the max
> power be?
>
> Can the radio switch from one battery to another without turning off?
>
> I guess the next question would be, has anyone used SOLAR power to
> charge batteries for remote use?
>
> Thanks!
>
> 73,
> -Tom-
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29717. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-12 02:12:14 UTC
From: d_t_emerson
Topic: 29459 Message: 29717

Thanks, Craig.

Looking at posts in this and other groups, there seems to be overwhelming evidence that the AM filter, CF1005, frequently goes bad. That also seems to be the case also in my own FT857D, purchased April 2008.

I noticed something in the schematic and filter data-sheets:

1. In the Toko data-sheet for an ALFYM455H=K ceramic filter, which is the type used as CF1005, there is the note: "DC Decoupling capacitor. We recommend connecting a capacitor ... shutting off the DC current."

So, the manufacturer recommends that the filter should only be AC coupled.

2. Looking at the FT857D (or 897...) schematic, the filter CF1005 is _not_ AC-coupled. The full diode DC switching voltage seems to be applied across both the input and output of this filter, contrary to the filter manufacturer's recommendation.

3. Looking at the similar CF1004 (SSB) filter in the FT897/857D schematic, the switching circuity is almost identical, except that there _are_ capacitors that block the DC to this filter input and output. I've not seen any failures reported for this filter.

If DC is applied to CF1005, against the filter manufacturer's recommendations, then occasional failures might not be surprising. I could well believe that some batches of filters may be more immune to failure from unwanted DC than others.

Did Vertex/Yaesu designers simply forget to include the DC blocking capacitors for CF1005 in the 897/857 design? If so, this might explain the premature failures of CF1005. If true, then a fix for a bad CF1005 filter might be simply to add blocking capacitors at the input and output, copying the schematic for CF1004. More to the point, adding the capacitors on a good filter might avoid a later failure.

I haven't yet tried this. Does it make sense? I'm likely missing something important. Does anyone know of a Vertex/Yaesu Service Bulletin that might address this point?

73
Darrel.

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> Assuming this gets posted, you have a bad filter. It appears to be a common failure. There was a discussion about this several months back but it appears to have been deleted. (the Subject Line included: Static Crash like noise.)
>
> Craig
>
>

29718. RE: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 06:01:46 UTC
From: Dennis
Topic: 29711 Message: 29718

Regardless if you are using internal or external batteries, what we don't know are several things...are you planning on talking or will you just be monitoring, if talking, for how long and at what power level (remember, the 897 limits you to 20w on ALL bands when using INTERNAL batteries)? AM, FM or SSB? These will make a difference as well.

So, you see, it will depend on how you will be using the radio. Monitoring takes less power than transmitting does. By the way, I would turn OFF the backlight as well - helps conserve battery power too!

Yes, there are instances where people use solar to charge batteries, but I do not believe that can be done with the battery IN the radio. I think you must remove it - I could be wrong. I have heard of people actually running the rig completely on solar as well.

I do not recall the specifications on the batteries, but YOU have all the figures to "do the math" to figure it out. You have the variables that we don't, so we cannot give you an approximate length of time the power will hold. If you know the amperage the radio draws when on, say, FM at 20w and you know if you will be transmitting or monitoring and you know the battery rating you can figure out the approximate amount of time you can run the rig on batteries

There was EXTENSIVE discussion about this very subject (well, batteries in general - but I think internals were covered as well) not too long ago - maybe 2 months ago or so - so you may want to check the prior posts and see if you can find them, as I am sure you may find the info you seek and helpful.

Not trying to blow you off, it is just that this sort of thing is NOT easily answered and with the little info you gave us to boot.

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of KB3CVS (Tom)
Sent: Sunday, April 11, 2010 7:33 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Question on battery power

Thank you for your response, however, perhaps I needed to be a little more specific: I meant the batteries internal to the FT897(D/no D).

I was wondering what typical operating times and power people get using
the internal batteries, on something like 2m.

-Tom-

On 4/11/2010 8:16 PM, Alan E. Lutz wrote:
>
>
> I have a 130 watt solar panel on top of my Tiger motorhome and have
> been off the grid for as much as three days without starting the
> generator or engine running lights, water pump and the exhaust fan.
> We'll have to see how long the two 6volt golf cart batteries last
> while running radios.
>
> 73 de Alan
> KB1TQL
>
> ----- Original Message -----
> From: KB3CVS (Tom)
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>
> Sent: Sunday, April 11, 2010 6:51 PM
> Subject: [FT897] Question on battery power
>
> I've never timed the use of the batteries - how long can they be
> expected to run the radio, say in 2m mode, and what would the max
> power be?
>
> Can the radio switch from one battery to another without turning off?
>
> I guess the next question would be, has anyone used SOLAR power to
> charge batteries for remote use?
>
> Thanks!
>
> 73,
> -Tom-
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29719. RE: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 06:16:56 UTC
From: Trixter aka Bret McDanel
Topic: 29711 Message: 29719

On Mon, 2010-04-12 at 01:01 -0500, Dennis wrote:
>
> So, you see, it will depend on how you will be using the radio.
> Monitoring
> takes less power than transmitting does. By the way, I would turn OFF
> the
> backlight as well - helps conserve battery power too!
>

its a little more than just monitoring. The Yaesu adverts say 8 hours
on 2 internal batteries with 5% monitoring a transmission (squelch open)
5% transmitting and 90% idle. So idle with nothing transmitting uses
less power than actually receiving a transmission.

> Yes, there are instances where people use solar to charge batteries,
> but I
> do not believe that can be done with the battery IN the radio. I think
> you
> must remove it - I could be wrong. I have heard of people actually
> running
> the rig completely on solar as well.
>

You can charge A while using B and charge B while using A. You should
not charge a battery you are using (per documentation, technically its
possible but they advise against it).

Running directly off solar is possible but I would advise against it,
you should have at least a power regulator (charge controller) and a
battery. When you transmit you will draw a lot more current than just
having the radio on, as a result you can cause the radio to reset due to
the low current level or something else. Sure it might work, especially
to just listen but I personally would not rely on it. Even a small
battery that can work as a current buffer would be my recommendation.

kc2dwq

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29720. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 08:20:10 UTC
From: Richard Corfield
Topic: 29711 Message: 29720

I've run with external Limicycle NiMH battery packs which are similar spec (4Ah, slightly old now). A single pack did most of the RAYNET duty I was on working between 5 and 10 W mostly monitoring. Two packs did the event easily - most of the day.

Max power with internal batteries is limited to 20W.

NiMH do fail fairly suddenly, or put another way they hold their voltage to just before the end, so watch that voltage display. You'll have the coloured lights with internal batteries.

Battery changeover is via a switch on top of the radio. I don't know if it's seamless or not. I'd expect to power off then power on which isn't a problem.

You can run one and charge one at the same time.

If you can carry the extra bulk then an external gel-cell could be an much cheaper option.

The current draw of my 897 when idle is fairly high, higher than something like an 8900 which is a common RAYNET radio around here. It could be just my older radio - but there is a lot in there to be fair. I've never run off internal batteries so don't know what power saving circuitry would be engaged in that mode that I don't take advantage of because my radio thinks it has a good external supply.

- Richard

On 12 April 2010 07:16, Trixter aka Bret McDanel <trixter@...>wrote:

>
>
> On Mon, 2010-04-12 at 01:01 -0500, Dennis wrote:
> >
> > So, you see, it will depend on how you will be using the radio.
> > Monitoring
> > takes less power than transmitting does. By the way, I would turn OFF
> > the
> > backlight as well - helps conserve battery power too!
> >
>
> its a little more than just monitoring. The Yaesu adverts say 8 hours
> on 2 internal batteries with 5% monitoring a transmission (squelch open)
> 5% transmitting and 90% idle. So idle with nothing transmitting uses
> less power than actually receiving a transmission.
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>
> > Yes, there are instances where people use solar to charge batteries,
> > but I
> > do not believe that can be done with the battery IN the radio. I think
> > you
> > must remove it - I could be wrong. I have heard of people actually
> > running
> > the rig completely on solar as well.
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>
> You can charge A while using B and charge B while using A. You should
> not charge a battery you are using (per documentation, technically its
> possible but they advise against it).
>
> Running directly off solar is possible but I would advise against it,
> you should have at least a power regulator (charge controller) and a
> battery. When you transmit you will draw a lot more current than just
> having the radio on, as a result you can cause the radio to reset due to
> the low current level or something else. Sure it might work, especially
> to just listen but I personally would not rely on it. Even a small
> battery that can work as a current buffer would be my recommendation.
>
> kc2dwq
>
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

29721. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 09:10:33 UTC
From: Trixter aka Bret McDanel
Topic: 29711 Message: 29721

On Mon, 2010-04-12 at 09:20 +0100, Richard Corfield wrote:

> Battery changeover is via a switch on top of the radio. I don't know
> if it's
> seamless or not. I'd expect to power off then power on which isn't a
> problem.

I have flipped the switch and it has just worked. I have not done it
while transmitting and would expect some problems there, but if you are
listening you can just flip it with no downtime.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29722. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 09:15:11 UTC
From: Richard Corfield
Topic: 29711 Message: 29722

There must be enough capacity in whatever supply filtering it has to take out the spike - presumably some supply capacitor(s) which can power the receive circuitry for long enough but as you say not the transmit.

On 12 April 2010 10:10, Trixter aka Bret McDanel <trixter@...>wrote:

> I have flipped the switch and it has just worked. I have not done it
> while transmitting and would expect some problems there, but if you are
> listening you can just flip it with no downtime.
>

[Non-text portions of this message have been removed]

29723. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 13:04:33 UTC
From: John Faughn
Topic: 29711 Message: 29723

Do not go by what someone tells you on the net , use the manual at minimum .
Then figure for your self , like mentioned above , not enough details , use the detail in manual , printed on batteries [there are at least 2 manufactures , with different spec.s] and use ohm's law and a little calculation .
Just going by what some one tells you on the net , means that you have a high percentage opportunity of killing your radio and any other equipment .
I have been into alternative energy for about 30 yrs. , your not going to gather enough info , to not wreck your gear , in a couple of posts & res-pounces , watching people talk about batteries / charging etc. on multiple forums , I find that between 70 & 90% of the replies are wrong , that's where the high percentage of killing your gear is going to come from .
Its fine to talk about on any forum , but after gathering some idea's , sit down with the spec.s and do some simple math , and confirm what you think you might want to do .
I would suggest that you play with some thing simple [hard to kill] running off batteries , solar etc , get a feel for it before you plug a $700-$1,000 into something you do not know much about .
As an example a fully charge battery is 12.7 volts , the 897 [and most mobile gear] is meant to run on 13.8 volts , running something on low voltage is hard on it , same with too high a voltage also .
73
John
kd0cac

On Mon, Apr 12, 2010 at 4:15 AM, Richard Corfield <
richard.corfield@...> wrote:

>
>
> There must be enough capacity in whatever supply filtering it has to take
> out the spike - presumably some supply capacitor(s) which can power the
> receive circuitry for long enough but as you say not the transmit.
>
> On 12 April 2010 10:10, Trixter aka Bret McDanel <trixter@...<trixter%400xdecafbad.com>
> >wrote:
>
>
> > I have flipped the switch and it has just worked. I have not done it
> > while transmitting and would expect some problems there, but if you are
> > listening you can just flip it with no downtime.
> >
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

29724. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 13:21:56 UTC
From: Trixter aka Bret McDanel
Topic: 29711 Message: 29724

On Mon, 2010-04-12 at 08:04 -0500, John Faughn wrote:
> Do not go by what someone tells you on the net ,

you are on the net, guess they shouldnt go by what you say either.

> Just going by what some one tells you on the net , means that you have a
> high percentage opportunity of killing your radio and any other equipment

no it doesnt. If that is the case then there is no reason for this
mailing list since anything posted here is just instant death for the
radio. I refuse to believe that anyone who uses the internet and posts
on mailing lists only gives information that will fry a radio. I refuse
to believe that no one knows what they are talking about, except you of
course.

> As an example a fully charge battery is 12.7 volts , the 897 [and most
> mobile gear] is meant to run on 13.8 volts , running something on low
> voltage is hard on it , same with too high a voltage also .

and most equipment is specifically designed to operate on a percentage
of that. While a vehicle that is running outputs 13.8v when the vehicle
is off its at 12v, are you suggesting that running it at 12v is going to
kill the radio? Oh wait this conversation is on the net, BOTH of us
cannot be trusted in anything we say because that means it will just
kill a radio right?

You quoted me in this response, as if you were replying to what I said
specifically, and I wonder what crazy thing I said that will kill a
radio.

> > On 12 April 2010 10:10, Trixter aka Bret McDanel
<trixter@...<trixter%400xdecafbad.com>
> > >wrote:
> > >
> > >
> > > I have flipped the switch and it has just worked. I have not done it
> > > while transmitting and would expect some problems there, but if you are
> > > listening you can just flip it with no downtime.
> > >
> > >

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29725. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 16:44:36 UTC
From: John Faughn
Topic: 29711 Message: 29725

Your on the net wanting advice , well maybe not , my respounce is a general reply , because you are not the only one reading this .
I have been doing this kind of work for many yrs. , and see a lot if misinformation .
But if you want an attitude , you can have it , I was just trying to give information .

On Mon, Apr 12, 2010 at 8:21 AM, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> On Mon, 2010-04-12 at 08:04 -0500, John Faughn wrote:
> > Do not go by what someone tells you on the net ,
>
> you are on the net, guess they shouldnt go by what you say either.
>
>
> > Just going by what some one tells you on the net , means that you have a
> > high percentage opportunity of killing your radio and any other equipment
>
>
> no it doesnt. If that is the case then there is no reason for this
> mailing list since anything posted here is just instant death for the
> radio. I refuse to believe that anyone who uses the internet and posts
> on mailing lists only gives information that will fry a radio. I refuse
> to believe that no one knows what they are talking about, except you of
> course.
>
> > As an example a fully charge battery is 12.7 volts , the 897 [and most
> > mobile gear] is meant to run on 13.8 volts , running something on low
> > voltage is hard on it , same with too high a voltage also .
>
> and most equipment is specifically designed to operate on a percentage
> of that. While a vehicle that is running outputs 13.8v when the vehicle
> is off its at 12v, are you suggesting that running it at 12v is going to
> kill the radio? Oh wait this conversation is on the net, BOTH of us
> cannot be trusted in anything we say because that means it will just
> kill a radio right?
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> You quoted me in this response, as if you were replying to what I said
> specifically, and I wonder what crazy thing I said that will kill a
> radio.
>
> > > On 12 April 2010 10:10, Trixter aka Bret McDanel <

> trixter@0xdecafbad.com <trixter%400xdecafbad.com><trixter%400xdecafbad.com
> >
>
> > > >wrote:
> > >
> > >
> > > > I have flipped the switch and it has just worked. I have not done it
> > > > while transmitting and would expect some problems there, but if you
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> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

29726. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 16:48:39 UTC
From: josedouglas@yahoo.com
Topic: 29711 Message: 29726

One simpler, yet inefficient, way to go would be to use solar power to run a deep cycle battery, attach a power inverter to the battery and then run/charge radio that way.
I have run/charged laptops that way in the past w/o problems.
Our radio doesn't have the internal batteries, so we haven't had to go the inverter route.
The Yaesu turns itself off anyhow if it doesn't get enough volts...

Cheers and 73s from Mid Coast Maine,

Jose
KB1TCD

From: KB3CVS (Tom) <kb3cvs@...>
To: FT897@yahoogroups.com
Sent: Sun, April 11, 2010 8:33:03 PM
Subject: Re: [FT897] Question on battery power

Thank you for your response, however, perhaps I needed to be a little
more specific: I meant the batteries internal to the FT897(D/no D).

I was wondering what typical operating times and power people get using
the internal batteries, on something like 2m.

-Tom-

On 4/11/2010 8:16 PM, Alan E. Lutz wrote:
>
>
> I have a 130 watt solar panel on top of my Tiger motorhome and have
> been off the grid for as much as three days without starting the
> generator or engine running lights, water pump and the exhaust fan.
> We'll have to see how long the two 6volt golf cart batteries last
> while running radios.
>
> 73 de Alan
> KB1TQL
>
> ----- Original Message -----
> From: KB3CVS (Tom)
> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> Sent: Sunday, April 11, 2010 6:51 PM
> Subject: [FT897] Question on battery power
>
> I've never timed the use of the batteries - how long can they be
> expected to run the radio, say in 2m mode, and what would the max
> power be?
>

> Can the radio switch from one battery to another without turning off?
>
> I guess the next question would be, has anyone used SOLAR power to
> charge batteries for remote use?
>
> Thanks!
>
> 73,
> -Tom-
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29727. AT-100 tune up

Yahoo group: FT897 (2010)
Date: 2010-04-12 17:17:08 UTC
From: Roger Horton
Topic: 29727 Message: 29727

I also have the exact same problem except with my AT-897Plus. After changing bands it would not initiate the am transmit to accomplish the tune cycle. After a second try and a successful tune cycle it would work fine until I changed bands again. I sent the tuner to LDG for warr. repair. They said they could not find anything wrong. But they did do a software update (tuner is only 3 months old). When I received it back my original problem was fixed however I had a new one. Now after every tune cycle the transceiver (FT-897D) stays in the AM mode and I have to manually change to USB or LSB or CW. LDG has promised to send me a new chip for two weeks now but I have still not received it. Roger, K8CIX

[Non-text portions of this message have been removed]

29728. RE: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 19:34:13 UTC
From: Dennis
Topic: 29711 Message: 29728

"Do not go by what someone tells you on the net"

And who do you think YOU are? Seems to me YOU are also "someone on the net"!!!!!

Dennis - N8BMB

29729. Re: FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-12 19:35:11 UTC
From: pavanroberto
Topic: 29650 Message: 29729

Sorry Mohd,

with FT897 did you ever had RF loopback problems?

I mean, perhaps on HF freq, did your rig behaved strange and fuzzy in TX phase, with bad coupled antenna system?

If yes, can you remember if S4 problem occurred only after that event?

Roberto

--- In FT897@yahoogroups.com, Mohd Misnan <9w2tpt@...> wrote:
>
> On Apr 10, 2010, at 10:31 PM, Michael Walker wrote:
>
> > What do you get if you use another radio on the same antenna?
> >
> > Mike VA3MW
>
> As for my case, using the same antenna on different radios, I'm getting full S9 or more from local repeater (10km away) on my two other radios (an FT-60R HT and FTM-10R) but max to S4 on my FT897.
>
> Mohd/9W2TPT
>

29730. best places to buy wire for rooftop horizontal loop

Yahoo group: FT897 (2010)
Date: 2010-04-12 21:03:51 UTC
From: ZephyrNYC
Topic: 29730 Message: 29730

Greetings,

I plan on installing a stealth horizontal loop on the roof just above my 7th floor rental apartment for an 857D, but I need some tips from the experts (YOU). The plan is to go up and install insulated wire all around the exterior walls of the roof. I should've measured it the first time I went up to the roof a few days ago, but I didn't. (It was cold, windy, and brisk that morning; and the rising sun and gorgeous city view distracted me ;) The walls are at least 120 feet in perimeter. This wire would not be visible from the roof of our building unless someone were to lean out over the edge of the roof, or climb up my metal fire escape, which is how I gain access to the roof. Just below the top of one or more of the 4 exterior walls, there is a small "lip" under which I could attempt to slightly conceal small gauge wire if I so desire.

IIRC, insulated copper braid is the best wire for this application. Where are the best places to purchase quality insulated wire (chain and online stores)? I just got off the phone with Home Depot and they sell insulated copper braid that is approximately 1/2 inch in diameter that costs $2.27/foot. Obviously, I can go with a smaller gauge to save money and increase concealment. What is the best way to mount or stick the wire to the exterior walls? Lots of duct tape (less obvious especially if I spray paint or purchase it to match the exterior walls' color, but more risk of detaching)? A number of little brackets and screws (too obvious, but much less chance of detaching)? Brackets and masonry or concrete cement/glue (non-metallic glue)? The Home Depot person recommended as the best method using metal pipe straps screwed into the masonry/concrete exterior walls. I told him that I can't use metal straps because the wire is to be used as an antenna. I also want to avoid creating permanent holes as much as possible. If I do create holes for the straps, I'd be sure to repair them before I move out at the end of the lease. He did say that Home Depot sells plastic pipe straps that cost 69 cents for a pack of 5. For plastic, he recommends one bracket for every 16 or 18" of large diameter wire. However, this would require the use of metallic screws. How much RFI would such metallic screws create? Obviously I want to avoid creating RFI.

Would this type of antenna require a 1:1 or 4:1 balun in order to use an autotuner? If I remember correctly, this type of antenna goes with a 1:1. Thanks.

73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.yahoo.com/group/FT-857/ , or send an email to
FT-857-subscribe@yahoogroups.com .

[Non-text portions of this message have been removed]

29731. RE: [FT897] best places to buy wire for rooftop horizontal loop

Yahoo group: FT897 (2010)
Date: 2010-04-12 23:06:26 UTC
From: Dennis
Topic: 29730 Message: 29731

Most people just use 12 or 14 gauge wire for loops. Probably would work better and be better concealed.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ZephyrNYC
Sent: Monday, April 12, 2010 4:04 PM
Subject: [FT897] best places to buy wire for rooftop horizontal loop

Greetings,

I plan on installing a stealth horizontal loop on the roof just above my 7th floor rental apartment for an 857D, but I need some tips from the experts (YOU). The plan is to go up and install insulated wire all around the exterior walls of the roof. I should've measured it the first time I went up to the roof a few days ago, but I didn't. (It was cold, windy, and brisk that morning; and the rising sun and gorgeous city view distracted me ;) The walls are at least 120 feet in perimeter. This wire would not be visible from the roof of our building unless someone were to lean out over the edge of the roof, or climb up my metal fire escape, which is how I gain access to the roof. Just below the top of one or more of the 4 exterior walls, there is a small "lip" under which I could attempt to slightly conceal small gauge wire if I so desire.

IIRC, insulated copper braid is the best wire for this application. Where are the best places to purchase quality insulated wire (chain and online stores)? I just got off the phone with Home Depot and they sell insulated copper braid that is approximately 1/2 inch in diameter that costs $2.27/foot. Obviously, I can go with a smaller gauge to save money and increase concealment. What is the best way to mount or stick the wire to the exterior walls? Lots of duct tape (less obvious especially if I spray paint or purchase it to match the exterior walls' color, but more risk of detaching)? A number of little brackets and screws (too obvious, but much less chance of detaching)? Brackets and masonry or concrete cement/glue (non-metallic glue)? The Home Depot person recommended as the best method using metal pipe straps screwed into the masonry/concrete exterior walls. I told him that I can't use metal straps because the wire is to be used as an antenna. I also want to avoid creating permanent holes as much as possible. If I do create holes for the straps, I'd be sure to repair them before I move out at the end of the lease. He did say that Home Depot sells plastic pipe straps that cost 69 cents for a pack of 5. For plastic, he recommends one bracket for every 16 or 18" of large diameter wire. However, this would require the use of metallic screws. How much RFI would such metallic screws create? Obviously I want to avoid creating RFI.

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73,
Frank

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- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at http://groups. <http://groups.yahoo.com/group/FT-857/> yahoo.com/group/FT-857/ , or send an email to FT-857-subscribe@ <mailto:FT-857-subscribe%40yahoogroups.com> yahoogroups.com .

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29732. Re: [FT897] Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-13 00:01:26 UTC
From: Michael Hughey
Topic: 29711 Message: 29732

How do you know that he isn't looking on other forums and comparing notes? It's not like you're legally RESPONISIBLE (correct spelling) for any advice (technical) that you might give him. Maybe you need to be cranky somewhere else and quit shooting down people because they don't know everything and have a question.

KF4DUS

From: John Faughn <john.faughn@...>
To: FT897@yahoogroups.com
Sent: Mon, April 12, 2010 7:04:33 AM
Subject: Re: [FT897] Question on battery power

Do not go by what someone tells you on the net , use the manual at minimum .
Then figure for your self , like mentioned above , not enough details , use the detail in manual , printed on batteries [there are at least 2 manufactures , with different spec.s] and use ohm's law and a little calculation .
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I have been into alternative energy for about 30 yrs. , your not going to gather enough info , to not wreck your gear , in a couple of posts & res-pounces , watching people talk about batteries / charging etc. on multiple forums , I find that between 70 & 90% of the replies are wrong , that's where the high percentage of killing your gear is going to come from .
Its fine to talk about on any forum , but after gathering some idea's , sit down with the spec.s and do some simple math , and confirm what you think you might want to do .
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On Mon, Apr 12, 2010 at 4:15 AM, Richard Corfield <
richard.corfield@...> wrote:

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> There must be enough capacity in whatever supply filtering it has to take
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> receive circuitry for long enough but as you say not the transmit.
>
> On 12 April 2010 10:10, Trixter aka Bret McDanel <trixter@...<trixter%400xdecafbad.com>
> >wrote:
>
>
> > I have flipped the switch and it has just worked. I have not done it
> > while transmitting and would expect some problems there, but if you are
> > listening you can just flip it with no downtime.
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

29733. Re: [FT897] Tuning Up w/ LDG AT-100...

Yahoo group: FT897 (2010)
Date: 2010-04-12 06:57:31 UTC
From: Martyn Keightley
Topic: 29708 Message: 29733

Alan,

Have you got the Y-ACC cable in the correct way...Red end to the 897 and black end to the AT-100?

Just a thought.

Martyn
M0KXO

--- On Sun, 11/4/10, Alan E. Lutz <lutz48@...> wrote:

From: Alan E. Lutz <lutz48@...>
Subject: [FT897] Tuning Up w/ LDG AT-100...
To: FT897@yahoogroups.com
Date: Sunday, 11 April, 2010, 18:25

I just got an LDG AT-100 Pro-II tuner. When I first set it up with the cable to the FT-897D it would trigger the transmitter and tune-up. Now when I change to a new freq/band and initiate a tune-up, it will not trigger the xmitter. If I actually transmit on the said frequency, the tuner will go into a tune-up. It seems as if the tuner is not trigger the xmit in the 897. Anybody have any ideas what may be wrong?

73 de Alan
KB1TQL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29734. Re: Question on battery power

Yahoo group: FT897 (2010)
Date: 2010-04-12 00:07:17 UTC
From: Eric
Topic: 29711 Message: 29734

To answer your Question on solar power. I built a small battery box using a car battery that runs at 13v Dc. This is the only power source I use instead of internal batteries for the 897D. I then got a solar panel to keep the battery charged while operating away from home. I used this for over a week while camping and it did just fine for daily use of the radio. I used both VHF and HF bands at full power if needed doing this.

73's
Eric
KJ4KXU

29735. MFJ-929 auto-tuner simulator for linux/win

Yahoo group: FT897 (2010)
Date: 2010-04-12 22:49:43 UTC
From: iw2mxd
Topic: 29735 Message: 29735

Hi to you all,

I own my FT-897D since November 2009. Recently I bought also a MFJ-929 auto-tuner to be used with my V-Inverted dipole.
I'm quite satisfied with it, but to understand better how it works in details, I decided to write a program to simulate a L-matching network: specifying ZLoad (cables+antenna), L, C, and some other parameters, the application calculates ZIn and SWR (as seen by the RTX). The application can be used also to find out the best L/C values to match a specified Z load.

In addition, giving the measured L and C values (which can be directly read on MFJ-929 display) the tool estimates your ZLoad (cables + antenna) and giving some other inputs it can finally calculate your ZAntenna.

To analyze the SWR in the "L/C domain" (to evaluate the "complexity" of your matching problem) a LC-Chart window is present, while the Z-Chart can be used to get SWR in the "ZLoad domain".

For those of you interested in playing with it, a windows installer or linux debian (ubuntu) i386/amd64 packages are freely available here:

http://sourceforge.net/projects/ltuner/

73, Leandro, IW2MXD

29736. Re: [FT897] best places to buy wire for rooftop horizontal loop

Yahoo group: FT897 (2010)
Date: 2010-04-13 06:06:46 UTC
From: Richard Corfield
Topic: 29730 Message: 29736

I first used a reel of multi-stranded insulated cable, the kind found in mains cables, which I got second hand. I've since bought reels of enameled copper. I can't say which if either work better. In the UK CPC/Farnell are good for this kind of thing - or radio junk sales where people may have reels of cable hanging around.

- Richard

On 13 April 2010 00:06, Dennis <n8bmb1@...> wrote:

>
>
> Most people just use 12 or 14 gauge wire for loops. Probably would work
> better and be better concealed.
>
> Dennis - N8BMB
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> ZephyrNYC
> Sent: Monday, April 12, 2010 4:04 PM
> Subject: [FT897] best places to buy wire for rooftop horizontal loop
>
> Greetings,
>
> I plan on installing a stealth horizontal loop on the roof just above my
> 7th
> floor rental apartment for an 857D, but I need some tips from the experts
> (YOU). The plan is to go up and install insulated wire all around the
> exterior walls of the roof. I should've measured it the first time I went
> up to the roof a few days ago, but I didn't. (It was cold, windy, and brisk
> that morning; and the rising sun and gorgeous city view distracted me ;)
> The walls are at least 120 feet in perimeter. This wire would not be
> visible from the roof of our building unless someone were to lean out over
> the edge of the roof, or climb up my metal fire escape, which is how I gain
> access to the roof. Just below the top of one or more of the 4 exterior
> walls, there is a small "lip" under which I could attempt to slightly
> conceal small gauge wire if I so desire.
>
> IIRC, insulated copper braid is the best wire for this application. Where
> are the best places to purchase quality insulated wire (chain and online
> stores)? I just got off the phone with Home Depot and they sell insulated
> copper braid that is approximately 1/2 inch in diameter that costs
> $2.27/foot. Obviously, I can go with a smaller gauge to save money and

> increase concealment. What is the best way to mount or stick the wire to
> the
> exterior walls? Lots of duct tape (less obvious especially if I spray paint
> or purchase it to match the exterior walls' color, but more risk of
> detaching)? A number of little brackets and screws (too obvious, but much
> less chance of detaching)? Brackets and masonry or concrete cement/glue
> (non-metallic glue)? The Home Depot person recommended as the best method
> using metal pipe straps screwed into the masonry/concrete exterior walls. I
> told him that I can't use metal straps because the wire is to be used as an
> antenna. I also want to avoid creating permanent holes as much as possible.
> If I do create holes for the straps, I'd be sure to repair them before I
> move out at the end of the lease. He did say that Home Depot sells plastic
> pipe straps that cost 69 cents for a pack of 5. For plastic, he recommends
> one bracket for every 16 or 18" of large diameter wire. However, this would
> require the use of metallic screws. How much RFI would such metallic screws
> create? Obviously I want to avoid creating RFI.
>
> Would this type of antenna require a 1:1 or 4:1 balun in order to use an
> autotuner? If I remember correctly, this type of antenna goes with a 1:1.
> Thanks.
>
> 73,
> Frank
>
> "Security is mostly a superstition. Avoiding danger is no safer in the long
> run than outright exposure. Life is either a daring adventure or nothing."
>
> - Helen Keller (1880-1968), The Open Door
>
> Join the largest Yaesu FT-857 group on Yahoo at
> http://groups. <http://groups.yahoo.com/group/FT-857/>
>
> yahoo.com/group/FT-857/ , or send an email to
> FT-857-subscribe@
<mailto:FT-857-subscribe%40yahoogroups.com<FT-857-subscribe%2540yahoogroups.com>
> >
>
> yahoogroups.com .
>
> [Non-text portions of this message have been removed]
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29737. Re: best places to buy wire for rooftop horizontal loop

Yahoo group: FT897 (2010)
Date: 2010-04-13 18:50:06 UTC
From: ZephyrNYC
Topic: 29730 Message: 29737

Read this only if you're truly interested. It's long and boring. I warned you ;)

When I called Home Depot, I meant to say "stranded" and forgot the word, but instead said "braided", so the guy quoted me for braided wire LOL I thank you all sincerely for the corrections. Now I know what to ask for next time.

I'll check out Lowe's too, since I know they offer a military discount, and also the places that you mentioned. A couple of you good hams also offered to sell me some of their extra wire at good discount, which I'll also strongly consider.

I was way off on my eyeball guestimation of the perimeter around the rooftop's external walls last week. I just measured it a few minutes ago-- 332 feet or 101.1936 m around the perimeter, which is now approx. 5/8 wavelength of 160m, 5/4 or 1 1/4 wavelengths of 80m, and 2.5 wavelengths of 40m. What kind of propagation should a horizontal loop of that length hooked up to a tuner be expected to achieve? I'll open up the Antenna Book after I unpack it from one of the many moving boxes.

The most horizon I can see from the roof is to the east, which is almost completely unblocked. (Hello, Europe! ;) I can see the northern horizon but some of it is blocked by other buildings. (Don't worry, New England and Eastern Canada ;) I can't see the horizon directly to the south and west, but the buildings in those directions probably offer less than 15 degrees of takeoff angle till I see sky to the south and approx. 45 degrees to see the western sky. (Sorry guys.)

I didn't find any good attachment points for plastic cable ties. It looks like I'll go with masonry staples, since the walls are made of brick.

I doubt I'll be able to feed the antenna with twin lead because there are only two sets of windows in my apartment:

1. One end of one set (where I want to set up shack) opens up to the metal fire escape, and the window on the other end has a metal grate in front of it. I'll probably feed coax through here. The window frames seem to be made of aluminum.

2. The second window is in the bedroom (where I don't want to set up shack). One side is also covered by a metal grate. The other side isn't, and is the window most distant from the metal fire escape (approx. 18.5'). If my only choice was balanced line, I would feed it

through this window. I plan on purchasing one of the window feed through accessories made by MFJ.

Once again, I thank you all for your help.

73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at http://groups.yahoo.com/group/FT-857/ , or send an email to FT-857-subscribe@yahoogroups.com .

29738. FIX THE FAULT: FM S-METER TOO LOW

Yahoo group: FT897 (2010)
Date: 2010-04-13 21:04:08 UTC
From: pavanroberto
Topic: 29650 Message: 29738

Hy all,

finally I found & fix this fault.

Problem, as suspected, was due to corruption of 2 parameters on the service menu (hidden, for technicians only).

Here details:

- go to service menu (! at own risk)
- parameter 010 FM-FS: found value 0 (default should be 111)
- parameter 011 FM-DISC-L: found value 0 (default should be 51)

Now with default values set, s-meter reading is fine agn.

Really I'm very astonished seeing this corruptions could happen on Yaesu Rig.

I would like to know the root reason (SW bug, RF loopback etc.).

Hope this could help others on same situation.

73, Roberto

--- In FT897@yahoogroups.com, "pavanroberto" <pavanerto@...> wrote:
>
> Hy all agn,
>
> thanks for sharing all experiences.
>
> As far as I suppose, there is some SW mis-working, ie inside the processor configuration is some (now corrupted) data that make all working fine, s-meter included.
>
> Infact I'm not claiming rig FM sensivity, but only s-meter readout.
>
> I know that on Service Menu (not accessible normally) there is a parameter that sets 2meter FM s-meter level.
>
> 73, Roberto IK3DJC
>

29739. Re: best places to buy wire for rooftop horizontal loop

Yahoo group: FT897 (2010)
Date: 2010-04-13 13:14:47 UTC
From: landscaper123
Topic: 29730 Message: 29739

Hello Denis;

Just took an antenna class. And that subject came up. Use a solid wire. 14 guage or so.

check with irrigation supply stores. they carry 14 guage wire for connecting irrigation valves with a controller.

Should work

Tony

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> I first used a reel of multi-stranded insulated cable, the kind found in
> mains cables, which I got second hand. I've since bought reels of enameled
> copper. I can't say which if either work better. In the UK CPC/Farnell are
> good for this kind of thing - or radio junk sales where people may have
> reels of cable hanging around.
>
> - Richard
>
> On 13 April 2010 00:06, Dennis <n8bmb1@...> wrote:
>
> > >
> > >
> > > Most people just use 12 or 14 gauge wire for loops. Probably would work
> > > better and be better concealed.
> > >
> > > Dennis - N8BMB
> > >
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> > > FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > > ZephyrNYC
> > > Sent: Monday, April 12, 2010 4:04 PM
> > > Subject: [FT897] best places to buy wire for rooftop horizontal loop
> > >
> > > Greetings,
> > >
> > > I plan on installing a stealth horizontal loop on the roof just above my
> > > 7th
> > > floor rental apartment for an 857D, but I need some tips from the experts
> > > (YOU). The plan is to go up and install insulated wire all around the
> > > exterior walls of the roof. I should've measured it the first time I went
> > > up to the roof a few days ago, but I didn't. (It was cold, windy, and brisk

> > that morning; and the rising sun and gorgeous city view distracted me ;)
> > The walls are at least 120 feet in perimeter. This wire would not be
> > visible from the roof of our building unless someone were to lean out over
> > the edge of the roof, or climb up my metal fire escape, which is how I gain
> > access to the roof. Just below the top of one or more of the 4 exterior
> > walls, there is a small "lip" under which I could attempt to slightly
> > conceal small gauge wire if I so desire.
> >
> > IIRC, insulated copper braid is the best wire for this application. Where
> > are the best places to purchase quality insulated wire (chain and online
> > stores)? I just got off the phone with Home Depot and they sell insulated
> > copper braid that is approximately 1/2 inch in diameter that costs
> > $2.27/foot. Obviously, I can go with a smaller gauge to save money and
> > increase concealment. What is the best way to mount or stick the wire to
> > the
> > exterior walls? Lots of duct tape (less obvious especially if I spray paint
> > or purchase it to match the exterior walls' color, but more risk of
> > detaching)? A number of little brackets and screws (too obvious, but much
> > less chance of detaching)? Brackets and masonry or concrete cement/glue
> > (non-metallic glue)? The Home Depot person recommended as the best method
> > using metal pipe straps screwed into the masonry/concrete exterior walls. I
> > told him that I can't use metal straps because the wire is to be used as an
> > antenna. I also want to avoid creating permanent holes as much as possible.
> > If I do create holes for the straps, I'd be sure to repair them before I
> > move out at the end of the lease. He did say that Home Depot sells plastic
> > pipe straps that cost 69 cents for a pack of 5. For plastic, he recommends
> > one bracket for every 16 or 18" of large diameter wire. However, this would
> > require the use of metallic screws. How much RFI would such metallic screws
> > create? Obviously I want to avoid creating RFI.
> >
> > Would this type of antenna require a 1:1 or 4:1 balun in order to use an
> > autotuner? If I remember correctly, this type of antenna goes with a 1:1.
> > Thanks.
> >
> > 73,
> > Frank
> >
> > "Security is mostly a superstition. Avoiding danger is no safer in the long
> > run than outright exposure. Life is either a daring adventure or nothing."
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> >
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> >
> > yahoo.com/group/FT-857/ , or send an email to
> > FT-857-subscribe@
<mailto:FT-857-subscribe%40yahoogroups.com<FT-857-subscribe%2540yahoogroups.com>
> > >
> >

> > yahoogroups.com .
> >
> > [Non-text portions of this message have been removed]
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29740. TX inhibit on CAT port ?

Yahoo group: FT897 (2010)
Date: 2010-04-14 04:51:51 UTC
From: Erwin
Topic: 29740 Message: 29740

Hi all,
I see that there is a TX inhibit at the CAT port.
How is this TX inhibit switched ? Is it TX inhibit to ground connection ? And what will be ? If the TX inhibit is not switched there is no power out ?
Do not really understand that because no more information about that in the manual. Want to use that TX inhibit for additional contact to my sequencer input to protect my preamp.

73's Erwin/DK5EW

29741. Re: TX inhibit on CAT port ?

Yahoo group: FT897 (2010)
Date: 2010-04-15 03:53:31 UTC
From: Erwin
Topic: 29740 Message: 29741

To let you know what I found out maybe someone needs it one day:

nhibit need pull-up resistor to +12V (1K-10Kohm is fine). This pull-up says to radio to use inhibit input (radio has weak internal pull down on inhibit input). Than when inhibit is grounded Pout is generated.

- Connect resistor between INHIBIT pin and +12V pin (+12V output is present on CAT connector)
- Pull wire from INHIBIT pin (where is connected one end of the resistor)
- When this wire is grounded, transceiver put out power. If not grounded, Pout is zero.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, "Erwin" <wini.witt@...> wrote:
>
> Hi all,
> I see that there is a TX inhibit at the CAT port.
> How is this TX inhibit switched ? Is it TX inhibit to ground connection ? And what will be ? If the TX inhibit is not switched there is no power out ?
> Do not really understand that because no more information about that in the manual. Want to use that TX inhibit for additional contact to my sequencer input to protect my preamp.
>
> 73's Erwin/DK5EW
>

29742. For Sale: FT-897D w/Extras

Yahoo group: FT897 (2010)
Date: 2010-04-16 01:26:43 UTC
From: w6ur
Topic: 29742 Message: 29742

Hi All,

I'm going the SDR route so I'm selling my very nice FT-897D ser# 4Gxxxx which includes the following options:

FP-30 internal power supply w/original bottom cover, 300 Hz CW filter, LDG FP-meter, RT Systems OBP installed in the MH-31 mic, all cables, original manual and original box. Everything in excellent working condition with no issues, full output on all bands, non smoker. Cabinet is an 8 out of 10 with normal wear. Price $1000.00 postal money order only, will split shipping from 93306.

If interested please contact me off line. w6ur@...

Thanks,

Lou - W6UR

29743. Hijacked

Yahoo group: FT897 (2010)
Date: 2010-04-16 19:09:53 UTC
From: Bernie
Topic: 29743 Message: 29743

My yahoo ID has been hijacked. I have changed my password but if any posts come through that are not radio related of have a subject that is empty, do not open it.

Bernie
KD8NBC
pizzameister2001@...

29744. Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-16 19:18:11 UTC
From: n0kwa
Topic: 29744 Message: 29744

I was using a straight key on my 897 the other day. The radio stopped transmitting in the middle of a transmission. All of my contacts and connections appear good. The radio works fine in all phone modes still.

Has anyone else experienced this problem? If so, how was it resolved?

Thanks,

Jim

29745. Re: [FT897] Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-16 19:37:23 UTC
From: Edward Thorpe
Topic: 29744 Message: 29745

I had a similar problem. In fact when in keyer mode neither dot nor dash worked.

My problem was traced to the failure of 2 tiny surface mount resistors in the keying line. My local Yaesu dealer fixed it in their repair shop.

My best guess about the cause is an incidence of RF in the shack during some tests and a not-so-well shielded cable between the key and radio.

Ted Thorpe, VE3HPL

On 16-Apr-10, at 3:18 PM, n0kwa wrote:

> I was using a straight key on my 897 the other day. The radio
> stopped transmitting in the middle of a transmission. All of my
> contacts and connections appear good. The radio works fine in all
> phone modes still.
>
> Has anyone else experienced this problem? If so, how was it resolved?
>
> Thanks,
>
> Jim

[Non-text portions of this message have been removed]

29746. Re: [FT897] Hijacked

Yahoo group: FT897 (2010)
Date: 2010-04-16 19:41:33 UTC
From: Danny Loyd
Topic: 29743 Message: 29746

This seems to have been happening to a lot Yahoo mail accounts lately. It is also happening on AOL.

Danny
KE5WDI

From: Bernie <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Fri, April 16, 2010 2:09:53 PM
Subject: [FT897] Hijacked

My yahoo ID has been hijacked. I have changed my password but if any posts come through that are not radio related of have a subject that is empty, do not open it.

Bernie
KD8NBC
pizzameister2001@ yahoo.com

[Non-text portions of this message have been removed]

29747. Re: [FT897] Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-16 21:03:08 UTC
From: Jim Henry
Topic: 29744 Message: 29747

I had this problem, was resolved by turning rig off, removing key and then switching rig back on. I cannot promise it will work for you but worth a try.

73 de Jim, GI0DVU
http://gi0dvu.co.uk

Keep Safe: Use Hands Free if mobile.

[Non-text portions of this message have been removed]

29748. Re: [FT897] Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-16 21:03:08 UTC
From: Jim Henry
Topic: 29744 Message: 29748

I had this problem, was resolved by turning rig off, removing key and then switching rig back on. I cannot promise it will work for you but worth a try.

73 de Jim, GI0DVU
http://gi0dvu.co.uk

Keep Safe: Use Hands Free if mobile.

[Non-text portions of this message have been removed]

29749. No Transmit

Yahoo group: FT897 (2010)
Date: 2010-04-14 22:15:37 UTC
From: ei9feb
Topic: 18894 Message: 29749

I tried:
mic (works on FT817),
key
CAT

It just sits on Receive, normal audio, green LED.

user manual factory reset makes no difference.

It worked for a while after being left, but on trying a week later it is same as before.

Well charged 12V lead acid battery.

No loose cables inside.

The "Service Menu" settings are all similar to published typical settings.

Anyone any idea?

29750. Re: Home Brew Batter Packs of "C" Cells.

Yahoo group: FT897 (2010)
Date: 2010-04-14 19:40:38 UTC
From: wa7ocz
Topic: 20364 Message: 29750

Look here for the pictures:

http://groups.yahoo.com/group/FT897/photos/album/1143153966/pic/list

I've been running the same set of battery packs for quite a while and they're both working just fine. I went ahead and ordered the real connecting plugs for the battery to radio interface.

--- In FT897@yahoogroups.com, "Randall Kennard" <N0UTJ@...> wrote:
>
>
> So 22 C batteries will inside the 897 battery compartment ?
> I thought maybe I'd have to use Sub-c batteries..
>
> Randall
>
>
> --- In FT897@...m, "modembreath" <modembreath@> wrote:
> >
> > Has anyone else attempted this?
> >
> > I built two packs of 11 batteries each of nimh 5000 mAH C cells.
> They
> > fit just fine in there. I hooked up the charger through a couple
> of
> > steering diodes and the whole thing with 22 batteries and charger
> cost
> > approximately $150 total.
> >
> > I get about 4 to 5 hours of run time on each pack.
> >
> > I was just wondering if I'm missing something, since I don't see
> anyone
> > attemping this.
> >
> > Don
> >
> > KA7JQM
> > CN88we
> >
>

29751. I getting a Tokyo Hy Power Need some Advise

Yahoo group: FT897 (2010)
Date: 2010-04-15 03:18:40 UTC
From: bigbob19722000
Topic: 29751 Message: 29751

Iam getting a Tokyo Hy Power next week, just wanted to know if anyone has one.

Also what is the interface or the connection between the radio the amp?

I really dont want to damage the radio or the amp. Any help is greatly welcome.

73,
Bob

29752. Re: [FT897] Re: Home Brew Batter Packs of "C" Cells.

Yahoo group: FT897 (2010)
Date: 2010-04-17 04:24:13 UTC
From: Trixter aka Bret McDanel
Topic: 20364 Message: 29752

On Wed, 2010-04-14 at 19:40 +0000, wa7ocz wrote:
>
> Look here for the pictures:
>
> http://groups.yahoo.com/group/FT897/photos/album/1143153966/pic/list
>
> I've been running the same set of battery packs for quite a while and
> they're both working just fine. I went ahead and ordered the real
> connecting plugs for the battery to radio interface.

it looks like air flow might be a problem, how is the temperature of the
radio? What is the Tx duty cycle for that temperature?
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

29753. Re: No Transmit

Yahoo group: FT897 (2010)
Date: 2010-04-17 04:54:10 UTC
From: Steve Yates
Topic: 18894 Message: 29753

Turn off the radio and unplug everything but the power source and antenna. Turn the radio back on and see if it will transmit. I've had mine do weird things when the key plug was half plugged in when the rig was turned on. If the rig gets an usual input when it is being turned on it can be placed in strange modes.

Hopefully your problem is that simple too.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "ei9feb" <ei9feb@...> wrote:
>
> I tried:
> mic (works on FT817),
> key
> CAT
>
> It just sits on Receive, normal audio, green LED.
>
> user manual factory reset makes no difference.
>
> It worked for a while after being left, but on trying a week later it is same as before.
>
> Well charged 12V lead acid battery.
>
> No loose cables inside.
>
> The "Service Menu" settings are all similar to published typical settings.
>
> Anyone any idea?
>

29754. Re: Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-17 15:11:06 UTC
From: k5btk
Topic: 29744 Message: 29754

Hi Jim,
This is a problem that has been with the 897 and 897D since day one. If you do a search in the archives for my callsign (K5BTK) you can read about what my experience has been with this problem. Each time the failure occurred with me, it meant a trip to Yaesu and $100.
Good luck!
...Don (K5BTK)

--- In FT897@yahoogroups.com, "n0kwa" <n0kwa@...> wrote:
>
> I was using a straight key on my 897 the other day. The radio stopped transmitting in the middle of a transmission. All of my contacts and connections appear good. The radio works fine in all phone modes still.
>
> Has anyone else experienced this problem? If so, how was it resolved?
>
>
> Thanks,
>
>
> Jim
>

29755. Re: Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-18 05:08:40 UTC
From: n0kwa
Topic: 29744 Message: 29755

Thanks to all.

I did the default restore. Still no CW. I guess it is going back to Yaesu. Luckily it is still in warranty.

73,

Jim

--- In FT897@yahoogroups.com, "n0kwa" <n0kwa@...> wrote:
>
> I was using a straight key on my 897 the other day. The radio stopped transmitting in the middle of a transmission. All of my contacts and connections appear good. The radio works fine in all phone modes still.
>
> Has anyone else experienced this problem? If so, how was it resolved?
>
>
> Thanks,
>
>
> Jim
>

29756. Re: Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-18 08:53:25 UTC
From: G0JLX
Topic: 29744 Message: 29756

Jim, the answer may lay with the type of jack plug you are using for the straight key.

Are you using a mono one ? i.e. only two contacts, body & tip ?

If so, you will short out the 5V on the 'ring' connector of the socket, eventually causing a failure of the keying circuit.

Even if you use only a straight key, the 897 demands you use a stereo type jack plug (i.e. body, ring, tip) and connect only body & tip.

Hope that helps.

73
Andy
GØJLX

--- In FT897@yahoogroups.com, "n0kwa" <n0kwa@...> wrote:
>
>
> Thanks to all.
>
> I did the default restore. Still no CW. I guess it is going back to Yaesu. Luckily it is still in warranty.
>
> 73,
>
>
> Jim
>
>
> --- In FT897@yahoogroups.com, "n0kwa" <n0kwa@> wrote:
> >
> > I was using a straight key on my 897 the other day. The radio stopped transmitting in the middle of a transmission. All of my contacts and connections appear good. The radio works fine in all phone modes still.
> >
> > Has anyone else experienced this problem? If so, how was it resolved?
> >
> >
> > Thanks,
> >
> >
> > Jim
> >
>

29757. Re: Help with CW

Yahoo group: FT897 (2010)
Date: 2010-04-18 09:24:59 UTC
From: g8hul
Topic: 29744 Message: 29757

--- In FT897@yahoogroups.com, "G0JLX" <g0jlx@...> wrote:
>
> Jim, the answer may lay with the type of jack plug you are using for the straight key.
>
> Are you using a mono one ? i.e. only two contacts, body & tip ?
>
> If so, you will short out the 5V on the 'ring' connector of the socket, eventually causing a failure of the keying circuit.
>
> Even if you use only a straight key, the 897 demands you use a stereo type jack plug (i.e. body, ring, tip) and connect only body & tip.
>
> Hope that helps.
>
> 73
> Andy
> GØJLX
>

This is not correct, both tip and ring contacts on the key socket go directly to the processor via 1k resistors, the circuitry is the same for both.

73
Jeff

29763. FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-17 09:54:21 UTC
From: simon.worsley
Topic: 29763 Message: 29763

Hi

There is a 2 metre AM net once per week.

I have recently joined and although they could hear my transmission, they said something was wrong and I couldnt qso with them. They were not able to understand what I was saying.

Listening to my AM transmitted audio on a receiver - I turned up the AM mic gain, changed from the stock mic to another mic it made an improvement but only very slightly. Still they could not hear me properly on the net - saying my transmission was very muffled and rough round the edges.

After adjusting the AM carr setting in the hidden menu - this made the biggest positive improvement - but now only about half of the ppl on the net can understand what I am saying. Still many reports of terrible transmitted audio. The people who can understand me say the transmitted audio is terrible.

Any ideas how I can fix this ?

Kind Regards - Simon

29764. Re: No Transmit

Yahoo group: FT897 (2010)
Date: 2010-04-17 15:41:55 UTC
From: ei9feb
Topic: 18894 Message: 29764

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
>
> Turn off the radio and unplug everything but the power source and antenna. Turn the radio back on and see if it will transmit.

I'm still baffled.

CPU / software bug?

nothing connected except PSU/Battery and dummy load.

Tried Mic, jack and CAT cable in turn. All work with FT817ND.

sits with Green RX led on and RX on speaker. :-(

29765. band switch glitch

Yahoo group: FT897 (2010)
Date: 2010-04-17 21:02:04 UTC
From: Lee
Topic: 29765 Message: 29765

Hi folks, I had a problem with my brand new FT897 D today.I was on VFO B on 7 Mhz just listening.I then pressed the band UP button and the radio jumped to 10 Mhz ..fine...I then pressed BAND UP again but the radio jumped back DOWN to 7 Mhz ! I then pressed BAND DOWN and the radio jumped back UP to 10 Mhz ! and so on it went back and forth between the two bands no matter which band button I pressed.
I was not transmitting at any time and VFO A seemed fine.
I kept on pressing BAND DOWN over and over and eventually the radio put itself right.
Anybody have a clue what has happened please? I have searched the archives but haven't found any similar problem.
I did have a digital interface plugged into the data socket at the time if that makes any difference?
best wishes...
lee

29766. Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-18 16:08:13 UTC
From: Alan E. Lutz
Topic: 29763 Message: 29766

Did you use a horizontally polarized antenna? You can have as much as a 20db loss due to cross polarization.

73 de Alan
AE1NH (formerly KB1TQL)

----- Original Message -----
From: simon.worsley
To: FT897@yahoogroups.com
Sent: Saturday, April 17, 2010 5:54 AM
Subject: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Hi

There is a 2 metre AM net once per week.

I have recently joined and although they could hear my transmission, they said something was wrong and I couldnt qso with them. They were not able to understand what I was saying.

Listening to my AM transmitted audio on a receiver - I turned up the AM mic gain, changed from the stock mic to another mic it made an improvement but only very slightly. Still they could not hear me properly on the net - saying my transmission was very muffled and rough round the edges.

After adjusting the AM carr setting in the hidden menu - this made the biggest positive improvement - but now only about half of the ppl on the net can understand what I am saying. Still many reports of terrible transmitted audio. The people who can understand me say the transmitted audio is terrible.

Any ideas how I can fix this ?

Kind Regards - Simon

[Non-text portions of this message have been removed]

29768. Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-18 16:39:43 UTC
From: Charles Scott
Topic: 29763 Message: 29768

Simon:

Be sure you're not transmitting any more than 25W on AM. Also, be careful with the mic levels in AM (see setup menu 005).

Since I don't know if I've every used my 897 on 2M AM, I just checked it out with my service monitor. I don't see much improvement in modulation past a setting of 20 for AM Mic level. At that level, with our without the mic processor on, the audio sounded pretty good. Trying to push it much past that started to result in some distortion. I did think the radio sounded better with the Processor on, but again watch the level.

All of this will depend on you voice and the mic. I have noted that it's not a good idea to speak straight into the MH-36 microphone (if that's what you have) but rather across it.

I'd suggest starting with the mic level trimmed way back (10) and then bring it up till people start to report degraded audio.

Of course, it's entirely possible there's some other problem with your radio or there's RF getting back into the radio, which can also cause a problem.

Chuck - N8DNX

> Hi
>
> There is a 2 metre AM net once per week.
>
> I have recently joined and although they could hear my transmission, they said something was wrong and I couldnt qso with them. They were not able to understand what I was saying.
>
> Listening to my AM transmitted audio on a receiver - I turned up the AM mic gain, changed from the stock mic to another mic it made an improvement but only very slightly. Still they could not hear me properly on the net - saying my transmission was very muffled and rough round the edges.
>
> After adjusting the AM carr setting in the hidden menu - this made the biggest positive improvement - but now only about half of the ppl on the net can understand what I am saying. Still many reports of terrible transmitted audio. The people who can understand me say the transmitted audio is terrible.
>
> Any ideas how I can fix this ?
>
> Kind Regards - Simon

>
>

29769. 20 meters transmit disrupts car electronics

Yahoo group: FT897 (2010)
Date: 2010-04-18 17:20:17 UTC
From: n0bnd
Topic: 29769 Message: 29769

I have an 897D connected to a 20 meter hamstick in my 2010 Dodge Journey. When I transmt more than 20 watts the tach and some warning lights go wacky and it shuts cruise control off. The comet mount is grounded to the body with a strap and radio is grounded. Swr is nil. Any ideas?

29770. Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-18 17:25:09 UTC
From: Michael Walker
Topic: 29763 Message: 29770

How would that distort the audio?

Mike VA3MW

Alan E. Lutz wrote:
>
>
> Did you use a horizontally polarized antenna? You can have as much as
> a 20db loss due to cross polarization.
>
> 73 de Alan
> AE1NH (formerly KB1TQL)
>
> ----- Original Message -----
> From: simon.worsley
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Saturday, April 17, 2010 5:54 AM
> Subject: [FT897] FT-897D transmitted AM audio modulation sounds
> dreadful. Pls help ??
>
> Hi
>
> There is a 2 metre AM net once per week.
>
> I have recently joined and although they could hear my transmission,
> they said something was wrong and I couldnt qso with them. They were
> not able to understand what I was saying.
>
> Listening to my AM transmitted audio on a receiver - I turned up the
> AM mic gain, changed from the stock mic to another mic it made an
> improvement but only very slightly. Still they could not hear me
> properly on the net - saying my transmission was very muffled and
> rough round the edges.
>
> After adjusting the AM carr setting in the hidden menu - this made the
> biggest positive improvement - but now only about half of the ppl on
> the net can understand what I am saying. Still many reports of
> terrible transmitted audio. The people who can understand me say the
> transmitted audio is terrible.
>
> Any ideas how I can fix this ?
>
> Kind Regards - Simon
>

> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29771. Re: [FT897] 20 meters transmit disrupts car electronics

Yahoo group: FT897 (2010)
Date: 2010-04-18 17:31:00 UTC
From: Michael Walker
Topic: 29769 Message: 29771

You will likely have to:

* put a ground strap on the hood to the frame
* ground strap on all the doors to the frame
* hatch to the frame
* exhaust system to the frame
* Make sure you have a good braid from the radio to the frame
* SWR won't really tell you anything to help solve this problem unfortunately
* See if you can find the 'brains' for the Dodge and make sure it is well grounded
* Make sure the Coax doesn't run parallel to any vehicle cables that might be connected to the brain

Spend some time reviewing http://www.k0bg.com/ especially http://www.k0bg.com/ground.html. He has done an amazing job of discussing HF in vehicles. Sadly, there is no quick answer to your problem. You just have to try things and see if it goes away.

Anyone who does HF mobile needs to bookmark this page.

Mike VA3MW

n0bnd wrote:
>
>
> I have an 897D connected to a 20 meter hamstick in my 2010 Dodge
> Journey. When I transmt more than 20 watts the tach and some warning
> lights go wacky and it shuts cruise control off. The comet mount is
> grounded to the body with a strap and radio is grounded. Swr is nil.
> Any ideas?
>
>
>

[Non-text portions of this message have been removed]

29772. Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-18 17:56:02 UTC
From: Alan E. Lutz
Topic: 29763 Message: 29772

Not knowing exactly what all the circumstances are, I suspect your mike gain may have been set too high. You did not answer the question about the antenna polarization. I suspect you tried to compensate them not hearing you by turning up the mike gain. Maybe someone else would like to weigh-in on this.

73 de Alan
AE1NH

----- Original Message -----
From: Michael Walker
To: FT897@yahoogroups.com
Sent: Sunday, April 18, 2010 1:25 PM
Subject: Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

How would that distort the audio?

Mike VA3MW

Alan E. Lutz wrote:
>
>
> Did you use a horizontally polarized antenna? You can have as much as
> a 20db loss due to cross polarization.
>
> 73 de Alan
> AE1NH (formerly KB1TQL)
>
> ----- Original Message -----
> From: simon.worsley
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Saturday, April 17, 2010 5:54 AM
> Subject: [FT897] FT-897D transmitted AM audio modulation sounds
> dreadful. Pls help ??
>
> Hi
>
> There is a 2 metre AM net once per week.
>
> I have recently joined and although they could hear my transmission,
> they said something was wrong and I couldnt qso with them. They were
> not able to understand what I was saying.
>
> Listening to my AM transmitted audio on a receiver - I turned up the
> AM mic gain, changed from the stock mic to another mic it made an
> improvement but only very slightly. Still they could not hear me

> properly on the net - saying my transmission was very muffled and
> rough round the edges.
>
> After adjusting the AM carr setting in the hidden menu - this made the
> biggest positive improvement - but now only about half of the ppl on
> the net can understand what I am saying. Still many reports of
> terrible transmitted audio. The people who can understand me say the
> transmitted audio is terrible.
>
> Any ideas how I can fix this ?
>
> Kind Regards - Simon
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29773. Re: [FT897] 20 meters transmit disrupts car electronics

Yahoo group: FT897 (2010)
Date: 2010-04-18 18:09:33 UTC
From: tailfeathers
Topic: 29769 Message: 29773

Pretty common...Get your coax away from the front as much as possible...Its radiating into the unsheilded electronics...Its a trial and error type fix...

Gary

On 4/18/2010 11:20 AM, n0bnd wrote:
> I have an 897D connected to a 20 meter hamstick in my 2010 Dodge Journey. When I transmt more than 20 watts the tach and some warning lights go wacky and it shuts cruise control off. The comet mount is grounded to the body with a strap and radio is grounded. Swr is nil. Any ideas?
>
>
>

_____
Penny Stock Jumping 2000%
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http://thirdpartyoffers.juno.com/TGL3141/4bcb4adfbd3d0aaf85st01duc

29774. Re: [FT897] 20 meters transmit disrupts car electronics

Yahoo group: FT897 (2010)
Date: 2010-04-18 18:20:51 UTC
From: Charles Scott
Topic: 29769 Message: 29774

N0BND:

It's all about keeping RF at the antenna and away from your car wiring. Others have posted some good ideas, but I would reinforce any comments about putting chokes on any antenna cabling that comes from the antenna into the car or runs below it. You want to make sure that RF stays at and near the antenna. Put one or more chokes on any coax cable that runs either to below the car, or into the car. Same for any other cabling near the antenna. The coax shield should be well connected to the outside of the car body (or effectively the same) at the antenna. Don't run another ground from the antenna feed point down under the car to the frame or anything like that as that may result in RF being coupled into other nearby vehicle cabling. (A point where I'm sure I'll get disagreement, but am sticking to it. Simply put, no wire of any length provides an RF ground--it's an antenna.)

Chuck

On 4/18/2010 1:20 PM, n0bnd wrote:
> I have an 897D connected to a 20 meter hamstick in my 2010 Dodge Journey. When I transmt more than 20 watts the tach and some warning lights go wacky and it shuts cruise control off. The comet mount is grounded to the body with a strap and radio is grounded. Swr is nil. Any ideas?
>
>
>

29775. Re: [FT897] FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-19 00:26:45 UTC
From: Michael Walker
Topic: 29763 Message: 29775

I am not the one with the problem. However, having the wrong polarization will not affect the quality of the audio. It will affect someones signal strength though by about 20db.

I would assume you thought he had a week signal and tried to driver more that 25 watts from the radio.

All that aside, the person with the problem needs to listen to himself with another receiver while he transmits into a dummy load.

Mike

Alan E. Lutz wrote:
>
>
> Not knowing exactly what all the circumstances are, I suspect your
> mike gain may have been set too high. You did not answer the question
> about the antenna polarization. I suspect you tried to compensate them
> not hearing you by turning up the mike gain. Maybe someone else would
> like to weigh-in on this.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: Michael Walker
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Sunday, April 18, 2010 1:25 PM
> Subject: Re: [FT897] FT-897D transmitted AM audio modulation sounds
> dreadful. Pls help ??
>
> How would that distort the audio?
>
> Mike VA3MW
>
> Alan E. Lutz wrote:
> >
> >
> > Did you use a horizontally polarized antenna? You can have as much as
> > a 20db loss due to cross polarization.
> >
> > 73 de Alan
> > AE1NH (formerly KB1TQL)
>
>

>

[Non-text portions of this message have been removed]

29776. External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-18 18:57:02 UTC
From: Sean
Topic: 29776 Message: 29776

Are external the way to go for base station operation?

Sean W7TRD

29777. NR, DSP, AGC & RF settings

Yahoo group: FT897 (2010)
Date: 2010-04-18 17:56:58 UTC
From: Sean
Topic: 29777 Message: 29777

Is there a "best setting" for these adjustments? Still trying to learn how to operate the 897 to the fullest.

Sean W7TRD

P.S. the link to the guidelines in not working. 404 server error.

29778. Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-18 19:32:49 UTC
From: Sean
Topic: 29778 Message: 29778

Some stations come in clear, and some appear to be off freq. (robot sounding). Do I need to mess with the clarifier knob?
Sorry for the noob questions.
Thanks!

Sean W7TRD

29779. Re: [FT897] I getting a Tokyo Hy Power Need some Advise

Yahoo group: FT897 (2010)
Date: 2010-04-17 10:31:07 UTC
From: Dan Schaaf
Topic: 29751 Message: 29779

Hi Bob

I have the THP HL-1.5KFX. I love it, plain and simple.THP provides a cable from radio to amp, so not to worry.
It is completely automatic. Bandswitching etc.
If the SWR exceeds 80 watts reflected, it shuts down FAST and I mean FAST. Faster than my MFJ-998 tuner can bypass the amp.
When this happens, a red light comes on indicating that you have to power down the amp and repower it (ON/OFF Switch).
If you want to run RTTY at power levels higher than 400 watts you should buy their external bolt-on fan.
Any more questions, just let me know.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com
----- Original Message -----
From: bigbob19722000
To: FT897@yahoogroups.com
Sent: Wednesday, April 14, 2010 11:18 PM
Subject: [FT897] I getting a Tokyo Hy Power Need some Advise

Iam getting a Tokyo Hy Power next week, just wanted to know if anyone has one.

Also what is the interface or the connection between the radio the amp?

I really dont want to damage the radio or the amp. Any help is greatly welcome.

73,
Bob

[Non-text portions of this message have been removed]

29780. Re: Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-19 12:43:13 UTC
From: KJ4SLN Allen
Topic: 29778 Message: 29780

You might be on the wrong side...check where you are. Some freq. they use the upper/lower and your radio may be on the wrong side but csn still hear them, and you might be in the wrong mode... I do the same thing when switching around.
KJ4SLN Allen

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Some stations come in clear, and some appear to be off freq. (robot sounding). Do I need to mess with the clarifier knob?
> Sorry for the noob questions.
> Thanks!
>
> Sean W7TRD
>

29781. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-19 13:06:32 UTC
From: KJ4SLN Allen
Topic: 29776 Message: 29781

I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
KJ4SLN Allen

P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Are external the way to go for base station operation?
>
> Sean W7TRD
>

29782. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-19 13:15:05 UTC
From: Sean
Topic: 29776 Message: 29782

Hey KJ4SLN Allen
How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
Thanks!

W7TRD Sean

--- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@...> wrote:
>
>
>
>
>
>
> I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> KJ4SLN Allen
>
> P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
>
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> >
> > Are external the way to go for base station operation?
> >
> > Sean W7TRD
> >
>

29783. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-19 14:02:58 UTC
From: john_kb0ne
Topic: 29776 Message: 29783

IMHO: Absolutely! You's be amazed at how much a good external speaker makes this rig sound. I use a 'HI-FI' speaker; not a lot of volume but the sound quality is MUCH better.

John KB0NE

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Are external the way to go for base station operation?
>
> Sean W7TRD
>

29784. AM-2 meters, Power/Modulation

Yahoo group: FT897 (2010)
Date: 2010-04-19 14:22:12 UTC
From: kc3vobob
Topic: 29784 Message: 29784

When operating AM on the FT-897, maximum AM carrier power, (Indicated RF power, without audio) is about 25% of maximum FM or CW power, for the band in question. Since maximum FM power is 50 watts on 2 meters, your maximum AM carrier power is 12 to 15 watts (about 12.5 watts) mike settings of 30 to 60% usually give good audio with the stock mike. Setting carrier power higher than 15 watts destroys 2 meter AM quality. There is an adjustment for AM carrier in the service menu, but never access this menu unless you have a regulated 13.8 volt power source connected, as the voltage used is critical to the calibrations in this menu. (Power control should be preset to maximum, mode to AM, mike to zero, band to 2 meters--access the carrier set menu, transmit, and turn the tuning dial to set for 12.5 watts output carrier level, into a good dummy load and wattmeter. press "function" button to save, turn off the power. When powered up the next time, maximum AM carrier should return to 12.5 watts. Now set the AAM mike gain to 50% and test it out-audio should be good! (Peak power, with audio, should be near 50 watts if you have a peak reading RF meter.)--73 KC3VO, Bob Curry

29785. Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 14:24:24 UTC
From: kc3vobob
Topic: 29785 Message: 29785

If 20 watts from your hamstick upsets your vehicle electronics, I hate to think what might happen if you were in traffic near me, while I transmit from my mobile, with 1,500 watts! It seems that RF suppression, shielding, and grounding must have been ignored in design and construction of your vehicle! This could be considered a traffic hazard, similar to TOYOTAS throttle/computer problems! I would notify the manufacturer, expressing concern about effects from RF effects of nearby transmitters, such as might be experienced when in traffic next to a full-power ham mobile, or driving past a military or commercial high-power transmitting antenna, as well as the ability to operate your own radio without problems. You cannot predict or control RF sources that are nearby/adjacent to your vehicle, so designed-in protection and immunity from problems should be REQUIRED!---73, KC3VO, Bob Curry

29786. RE: [FT897] Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-19 14:38:03 UTC
From: Richard Drevo
Topic: 29778 Message: 29786

Sean,

I have found the "clarifier" knob to be very useful in helping "understand" what other stations are saying. It is certainly no substitute for a 2nd IF filter, but used in conjunction with a 2nd IF filter it can be veru useful.

Hope this helps,

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
Sent: Sunday, April 18, 2010 3:33 PM
To: FT897@yahoogroups.com
Subject: [FT897] Clarifier Adjustments

Some stations come in clear, and some appear to be off freq. (robot sounding). Do I need to mess with the clarifier knob?
Sorry for the noob questions.
Thanks!

Sean W7TRD

[Non-text portions of this message have been removed]

29787. Re: [FT897] Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-19 15:27:51 UTC
From: Alan E. Lutz
Topic: 29778 Message: 29787

What you are describing is an off-frequency SSB signal. I suspect you are using the MEM/VFO knob to tune. Remember this tunes in steps (which you can change to 1.0, 2.5 or 5.0 KHz, menu item 82). Use the Main tuning knob to zero in on the frequency. The Clarifier (or RIT, Reciever Incremental Tuning) will offset the receive frequency by + or - 9.99 KHz, but it leaves the transmit frequency where is was. It is not a fine tuning knob.

73 de Alan

AE1NH

----- Original Message -----
From: "Richard Drevo" <rdrevo@...>
To: FT897@yahoogroups.com
Sent: Monday, April 19, 2010 10:38:03 AM GMT -05:00 US/Canada Eastern
Subject: RE: [FT897] Clarifier Adjustments

Sean,

I have found the "clarifier" knob to be very useful in helping "understand" what other stations are saying. It is certainly no substitute for a 2nd IF filter, but used in conjunction with a 2nd IF filter it can be veru useful.

Hope this helps,

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto: FT897@yahoogroups.com] On Behalf Of Sean
Sent: Sunday, April 18, 2010 3:33 PM
To: FT897@yahoogroups.com
Subject: [FT897] Clarifier Adjustments

Some stations come in clear, and some appear to be off freq. (robot sounding). Do I need to mess with the clarifier knob?
Sorry for the noob questions.
Thanks!

Sean W7TRD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29788. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 15:28:14 UTC
From: tailfeathers
Topic: 29785 Message: 29788

I heard on the news that Toyotas acceleration problems are being caused by EMI electro magnetic impulse when passing large overhead power lines...They have asked NASA to get involved and they said that Toyota needs more shielding in their electronic systems...

Gary
n8gsj

On 4/19/2010 8:24 AM, kc3vobob wrote:
> If 20 watts from your hamstick upsets your vehicle electronics, I hate to think what might happen if you were in traffic near me, while I transmit from my mobile, with 1,500 watts! It seems that RF suppression, shielding, and grounding must have been ignored in design and construction of your vehicle! This could be considered a traffic hazard, similar to TOYOTAS throttle/computer problems! I would notify the manufacturer, expressing concern about effects from RF effects of nearby transmitters, such as might be experienced when in traffic next to a full-power ham mobile, or driving past a military or commercial high-power transmitting antenna, as well as the ability to operate your own radio without problems. You cannot predict or control RF sources that are nearby/adjacent to your vehicle, so designed-in protection and immunity from problems should be REQUIRED!---73, KC3VO, Bob Curry
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> Yahoo! Groups Links
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$350,000 Life Insurance!
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http://thirdpartyoffers.juno.com/TGL3141/4bcc76916f9bf9a636st05duc

[Non-text portions of this message have been removed]

29789. RE: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 15:55:05 UTC
From: Cliff Bryant
Topic: 29785 Message: 29789

This is exactly why Europe has such stringent requirements for CE marking. Susceptibility to RF fields as well as not causing undue interference has been a requirement over this side of the pond for many years.

There's a real irony however, we finally have stringent requirements so that TV sets aren't effected by amateur transmissions when along come plasma TVs and a host of switching PSU technologies that cause interference to us rather than the other way round.

I hate to think what the V/m would be with a 1.5kW signal!

Cliff, G4PZK

On 4/19/2010 8:24 AM, kc3vobob wrote:
> If 20 watts from your hamstick upsets your vehicle electronics, I hate to think what might happen if you were in traffic near me, while I transmit from my mobile, with 1,500 watts! It seems that RF suppression, shielding, and grounding must have been ignored in design and construction of your vehicle! This could be considered a traffic hazard, similar to TOYOTAS throttle/computer problems! I would notify the manufacturer, expressing concern about effects from RF effects of nearby transmitters, such as might be experienced when in traffic next to a full-power ham mobile, or driving past a military or commercial high-power transmitting antenna, as well as the ability to operate your own radio without problems. You cannot predict or control RF sources that are nearby/adjacent to your vehicle, so designed-in protection and immunity from problems should be REQUIRED!---73, KC3VO, Bob Curry
>
>
>

[Non-text portions of this message have been removed]

29790. FT-897D LDG-AT897 ATU Diagram

Yahoo group: FT897 (2010)
Date: 2010-04-19 19:56:48 UTC
From: chirpytom
Topic: 29790 Message: 29790

Hello everyone, I am in desperate need for the wiring diagram for a FT-897D LDG AT897 ATU (not the 'Plus') model. Any help in the right direction would be very much appreciated please.

Brian. (2E0BWQ)

29791. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 20:31:05 UTC
From: Charles Scott
Topic: 29785 Message: 29791

Gary & all:

So, how much coupling can there be at 60 Hz into a vehicle? I don't even accept that the E-Field gradient is sufficient to do that. The car would have to have a pretty good "Antenna" to foul things up driving under power lines. Since NASA's getting involved (perhaps debugging vehicle accelerator systems will generate enough revenue for them to stay afloat) I say we blame it on Gamma-Ray Bursts!

Chuck - N8DNX

On 4/19/2010 11:28 AM, tailfeathers wrote:
> I heard on the news that Toyotas acceleration problems are being caused
> by EMI electro magnetic impulse when passing large overhead power
> lines...They have asked NASA to get involved and they said that Toyota
> needs more shielding in their electronic systems...
>
> Gary
> n8gsj

29792. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 21:05:05 UTC
From: n0bnd Yahoo
Topic: 29785 Message: 29792

God forbid we ever have an EMP too close.

Joel Mueller

29793. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 21:07:09 UTC
From: Phil
Topic: 29785 Message: 29793

Dan,

The higher the frequency the shorter the wavelength. 60 Hz is a non issue. RF can and does get into Telephones, radios, stereos, TVs, touch lamps (been there done that) why not car electronics. Your Hemi may be prone to RFI . I should fire up my amplifier and sweep through all my available frequencies to see if you have any anomalies. Maybe I'll find the problem before Toyota?

I bought $700. of floor tile today for the kitchen and laundry room. Now I have to find the time to install it.

I have a broken spring in my Ruger 22 pistol. I place an order with Ruger today to replace all the springs.

Phil

On Mon, Apr 19, 2010 at 4:31 PM, Charles Scott <cscott@gaslightmedia.com>wrote:

>
>
> Gary & all:
>
> So, how much coupling can there be at 60 Hz into a vehicle? I don't even
> accept that the E-Field gradient is sufficient to do that. The car would
> have to have a pretty good "Antenna" to foul things up driving under
> power lines. Since NASA's getting involved (perhaps debugging vehicle
> accelerator systems will generate enough revenue for them to stay
> afloat) I say we blame it on Gamma-Ray Bursts!
>
> Chuck - N8DNX
>
>
> On 4/19/2010 11:28 AM, tailfeathers wrote:
> > I heard on the news that Toyotas acceleration problems are being caused
> > by EMI electro magnetic impulse when passing large overhead power
> > lines...They have asked NASA to get involved and they said that Toyota
> > needs more shielding in their electronic systems...
> >
> > Gary
> > n8gsj
>
>

[Non-text portions of this message have been removed]

29794. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 21:28:02 UTC
From: Charles Scott
Topic: 29785 Message: 29794

Phil:

Yep, and I do drive a Hemi in my Durango. So far no problems at 100W on any frequency I've operated.

I agree with you on the higher frequencies. When I used to run an MA-1000B amplifier in my car, there were certain types of cars I could guarantee I could stall by transmitting right next to them at a stop light. What I was pointing out was that blaming this on power lines didn't seem rational. There's plenty of RF energy sources out there that are much more likely--assuming that EMI is in fact the problem at all.

I wonder if there was a Ham near each instance of the Toyota acceleration issues. Could you imagine the damage to our hobby if that was shown to be the case? (can't believe I even brought that up)

Chuck - N8DNX

On 4/19/2010 5:07 PM, Phil wrote:
> Dan,
>
> The higher the frequency the shorter the wavelength. 60 Hz is a non issue.
> RF can and does get into Telephones, radios, stereos, TVs, touch lamps
> (been there done that) why not car electronics. Your Hemi may be prone to
> RFI . I should fire up my amplifier and sweep through all my available
> frequencies to see if you have any anomalies. Maybe I'll find the problem
> before Toyota?
>
> I bought $700. of floor tile today for the kitchen and laundry room. Now I
> have to find the time to install it.
>
> I have a broken spring in my Ruger 22 pistol. I place an order with Ruger
> today to replace all the springs.
>
> Phil
>
>

29795. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 21:31:38 UTC
From: eric@van-de-weyer.org
Topic: 29785 Message: 29795

One of the things I always do when I am contemplating a new car is ask about its EMC and if the dealer cannot answer he has to go away and find out for me before I'll even consider it.

Actually, my current car, a Kia Rio, was even easier as it actually states it in the owner's manual that it is immune for transmitters up to 100W, which is all I am interested in anyhow.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: tailfeathers <tailfeathers@...>
>Date: Mon, 19 Apr 2010 09:28:14 -0600
>Subject: Re: [FT897] Dodge RF Problems
>Reply-To: FT897@yahoogroups.com
>
>
>I heard on the news that Toyotas acceleration problems are being caused

>by EMI electro magnetic impulse when passing large overhead power
>lines...They have asked NASA to get involved and they said that Toyota
>needs more shielding in their electronic systems...
>
>Gary
>n8gsj
>
>
>On 4/19/2010 8:24 AM, kc3vobob wrote:
>> If 20 watts from your hamstick upsets your vehicle electronics, I hate
>to think what might happen if you were in traffic near me, while I transmit
>from my mobile, with 1,500 watts! It seems that RF suppression, shielding,
>and grounding must have been ignored in design and construction of your
vehicle!
>This could be considered a traffic hazard, similar to TOYOTAS throttle/computer
>problems! I would notify the manufacturer, expressing concern about effects
>from RF effects of nearby transmitters, such as might be experienced when
>in traffic next to a full-power ham mobile, or driving past a military or
>commercial high-power transmitting antenna, as well as the ability to operate
>your own radio without problems. You cannot predict or control RF sources
>that are nearby/adjacent to your vehicle, so designed-in protection and
immunity
>from problems should be REQUIRED!---73, KC3VO, Bob Curry
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>$350,000 Life Insurance!
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>http://thirdpartyoffers.juno.com/TGL3141/4bcc76916f9bf9a636st05duc
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29796. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 22:16:52 UTC
From: n0bnd Yahoo
Topic: 29785 Message: 29796

I know transmitting over 100 watts at 27.185 MHz near a VW rabbit of 1980's vintage will shut down their EFI, or at least in the 80's it would.

It doesn't seem to be disrupting the CAN bus output only the gauges and indicators. I have some hardline I could run externally and make sure it's grounded along it's path. As it is now the antenna mount is grounded with a strap running to the backgate hinge. The radio is grounded to one of the seat bolts. Time will tell.

Joel Mueller

29797. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-19 23:04:55 UTC
From: KJ4SLN Allen
Topic: 29776 Message: 29797

Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Hey KJ4SLN Allen
> How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
> Thanks!
>
> W7TRD Sean
>
> --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> >
> >
> >
> >
> >
> >
> > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > KJ4SLN Allen
> >
> > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
> >
> > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > >
> > > Are external the way to go for base station operation?
> > >
> > > Sean W7TRD
> > >
> >
>

29798. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-19 23:09:23 UTC
From: DALE
Topic: 29785 Message: 29798

----- Original Message -----
From: "n0bnd Yahoo" <n0bnd@...>
To: FT897@yahoogroups.com
Sent: Monday, April 19, 2010 3:16:52 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Dodge RF Problems

I know transmitting over 100 watts at 27.185 MHz near a VW rabbit of 1980's vintage will shut down their EFI, or at least in the 80's it would.

That vintage did not have EFI injection. Mechanical except the fuel pump.

Ignition modules had no problems.

I owned 8 of them . Had no problems with FI or Ignition.

dale

'-.-'---

[Non-text portions of this message have been removed]

29799. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-20 02:35:26 UTC
From: Joel Mueller
Topic: 29785 Message: 29799

ok so my memory does not serve me well. Maybe t wasn't a rabbit but it was a car with electronic ignition. My apologies....

[Non-text portions of this message have been removed]

29800. Re: FT-897 LDG-AT897 ATU. HELP!!

Yahoo group: FT897 (2010)
Date: 2010-04-20 06:40:59 UTC
From: chirpytom
Topic: 29785 Message: 29800

Hello Lou.
Many thanks for taking the time out to try to help me with this conundrum, but what I need is the full wiring diagram for the LDG-AT897 ATU (not the 'plus' version) as I have blown a resistor, numbered 'R15' on the circuit board.
Thanks again Lou.
73 Brian.

29801. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-20 08:29:06 UTC
From: Richard Corfield
Topic: 29785 Message: 29801

On 19 April 2010 22:28, Charles Scott <cscott@...> wrote:

>
>
> Phil:
>
> Yep, and I do drive a Hemi in my Durango. So far no problems at 100W on
> any frequency I've operated.
>
> [....]

>
> I wonder if there was a Ham near each instance of the Toyota
> acceleration issues. Could you imagine the damage to our hobby if that
> was shown to be the case? (can't believe I even brought that up)
>

These are all quite high power levels for transmitting near to other people - the kilowatt one especially!

If we assume 2W/m^2 as a safe limit, then 1kW into a 6dB gain antenna (so 4kW ERP) will not drop to 2W/m^2 until you're 12.5 meters away if I remember the maths properly (ERP / 4*PI*r^2)

That seems quite short, so could do with double checking the field strength formula which I think is 7sqrt(ERP)/d which comes to about 35V/m which is much too high. As it's inversely proportional to distance I'd expect d to double to 25 meters to get something like the 18V/m I remember as being important. (It's now a little while since I did the exams and I don't have the material with me.)

In the UK we are told to reduce power when mobile transmitting if someone may be walking near the antenna.

- Richard

[Non-text portions of this message have been removed]

29802. Re: Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-20 10:41:59 UTC
From: g8hul
Topic: 29785 Message: 29802

--- In FT897@yahoogroups.com, Joel Mueller <n0bnd@...> wrote:
>
> ok so my memory does not serve me well. Maybe t wasn't a rabbit but it was a car with electronic ignition. My apologies....
>

You are correct, rf would shut down the electronically driven fuel pump relay in my Golf (rabbit in the US) GTI.

Jeff

29803. RE: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-20 11:39:18 UTC
From: Eric van de Weyer
Topic: 29785 Message: 29803

Geez,

I'd love to see the car with a 6dB gain HF antenna on it!

73....Eric VK2VE.

These are all quite high power levels for transmitting near to other people - the kilowatt one especially!

If we assume 2W/m^2 as a safe limit, then 1kW into a 6dB gain antenna (so 4kW ERP) will not drop to 2W/m^2 until you're 12.5 meters away if I remember the maths properly (ERP / 4*PI*r^2)

29804. Re: [FT897] Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-20 11:45:59 UTC
From: Richard Corfield
Topic: 29785 Message: 29804

I must be too used to VHF :-)

Those loading coils must be getting warm at those kinds of powers.

- Richard M0RJC

On 20 April 2010 12:39, Eric van de Weyer <eric@...> wrote:

>
>
> Geez,
>
> I'd love to see the car with a 6dB gain HF antenna on it!
>
> 73....Eric VK2VE.
>
>
> These are all quite high power levels for transmitting near to other people
> - the kilowatt one especially!
>
> If we assume 2W/m^2 as a safe limit, then 1kW into a 6dB gain antenna (so
> 4kW ERP) will not drop to 2W/m^2 until you're 12.5 meters away if I
> remember
> the maths properly (ERP / 4*PI*r^2)
>
>
>

[Non-text portions of this message have been removed]

29805. FT-897D EME (Earth-Moon-Earth) Station

Yahoo group: FT897 (2010)
Date: 2010-04-20 12:19:57 UTC
From: Steve Yates
Topic: 29805 Message: 29805

As you may have heard, the club station KP4AO had the chance to use the Arecibo dish in Puerto Rico over the weekend for some 432 MHz EME contacts. Because of the size of their antenna many smaller stations could work EME for the first time.

I setup a small station using my FT-897D, a mast mounted LNA, a very small 6 element Yagi on a tripod, and a Mirage 1010 100 W amplifier. The pileups were huge and I wasn't able to get through this time but I did hear them pretty well. I thought I'd share some of my recordings just to show that the FT-897D can be used for even more fun! And my friends wonder why I didn't buy an Elecraft rig like everyone else. My Yagi is made by KLM but they are very easy to build for this frequency. See below:

http://www.wa5vjb.com/yagi-pdf/cheapyagi.pdf

The SSB phone signals were very weak but the CW and digital signals came through nicely as expected. The long duration JT65B transmissions made for some interested propagation studies. I didn't have the ability to decode the JT65B signals but they were quite loud.

The best recording for SSB is:

http://www.aa5tb.com/aa5tb_120.mp3 (ESP required)

The best for CW is:

http://www.aa5tb.com/aa5tb_124.mp3

For JT65B these two files give the best samples:

http://www.aa5tb.com/aa5tb_125.mp3
http://www.aa5tb.com/aa5tb_126.mp3 (sounds a test pattern)

All recordings from 'aa5tb_115.mp3' to 'aa5tb_127.mp3' are from Friday, Saturday, and Sunday.

It's pretty amazing when you consider it is about 249,000 miles up, bounces off a big dirt ball, what's left comes back 249,000 miles, and about 2.5 seconds later you hear the signal. 2.5 seconds at the speed of light is a looong way!

73,
Steve - AA5TB
Fort Worth, TX

29806. Re: [FT897] FT-897D EME (Earth-Moon-Earth) Station

Yahoo group: FT897 (2010)
Date: 2010-04-20 12:57:13 UTC
From: Alan E. Lutz
Topic: 29805 Message: 29806

Steve,

Thanks for the info and recordings. Several of the guys here in New Hampshire were doing this as well and did make contact.

73 de Alan

AE1NH

----- Original Message -----
From: "Steve Yates" <aa5tb@yahoo.com>
To: FT897@yahoogroups.com
Sent: Tuesday, April 20, 2010 8:19:57 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] FT-897D EME (Earth-Moon-Earth) Station

As you may have heard, the club station KP4AO had the chance to use the Arecibo dish in Puerto Rico over the weekend for some 432 MHz EME contacts. Because of the size of their antenna many smaller stations could work EME for the first time.

I setup a small station using my FT-897D, a mast mounted LNA, a very small 6 element Yagi on a tripod, and a Mirage 1010 100 W amplifier. The pileups were huge and I wasn't able to get through this time but I did hear them pretty well. I thought I'd share some of my recordings just to show that the FT-897D can be used for even more fun! And my friends wonder why I didn't buy an Elecraft rig like everyone else. My Yagi is made by KLM but they are very easy to build for this frequency. See below:

http://www.wa5vjb.com/yagi-pdf/cheapyagi.pdf

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http://www.aa5tb.com/aa5tb_120.mp3 (ESP required)

The best for CW is:

http://www.aa5tb.com/aa5tb_124.mp3

For JT65B these two files give the best samples:

http://www.aa5tb.com/aa5tb_125.mp3
http://www.aa5tb.com/aa5tb_126.mp3 (sounds a test pattern)

All recordings from 'aa5tb_115.mp3' to 'aa5tb_127.mp3' are from Friday, Saturday, and Sunday.

It's pretty amazing when you consider it is about 249,000 miles up, bounces off a big dirt ball, what's left comes back 249,000 miles, and about 2.5 seconds later you hear the signal. 2.5 seconds at the speed of light is a looong way!

73,
Steve - AA5TB
Fort Worth, TX

[Non-text portions of this message have been removed]

29807. ft 897 mic question

Yahoo group: FT897 (2010)
Date: 2010-04-20 17:37:10 UTC
From: n5iz
Topic: 29807 Message: 29807

will a mh 31a8j mic work on a ft 897d.wiring seem to be same but a mh 36e8j is a electret mic and the mh 31a8j is a dynamic mic.any help what about a heil hm 10-5 dynamic .thanks ray n5iz

29808. Re: [FT897] ft 897 mic question

Yahoo group: FT897 (2010)
Date: 2010-04-20 18:27:38 UTC
From: DALE
Topic: 29807 Message: 29808

----- Original Message -----
From: "n5iz" <raybrmly@...>
To: FT897@yahoogroups.com
Sent: Tuesday, April 20, 2010 10:37:10 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] ft 897 mic question

will a mh 31a8j mic work on a ft 897d.wiring seem to be same but a mh 36e8j is a electret mic and the mh 31a8j is a dynamic mic.any help what about a heil hm 10-5 dynamic .thanks ray n5iz

The elect mike needs the mike gain reduced a bit for most operators.

There is a small difference in output between them.

This can be true between almost any mike .

The MH-31 is used on many of the commercial Vertex radios . It is a good mike.

Dale

–

[Non-text portions of this message have been removed]

29809. Re: [FT897] ft 897 mic question

Yahoo group: FT897 (2010)
Date: 2010-04-20 19:21:20 UTC
From: Danny Loyd
Topic: 29807 Message: 29809

I have the Heil Pro Set with 10-4 dynamic mic and it works great with the FT-897D. People have told me my audio and everything sounds a 100% better than with MH 31 or the MH 36 that I have also.

Danny
KE5WDI

From: n5iz <raybrmly@...>
To: FT897@yahoogroups.com
Sent: Tue, April 20, 2010 12:37:10 PM
Subject: [FT897] ft 897 mic question

will a mh 31a8j mic work on a ft 897d.wiring seem to be same but a mh 36e8j is a electret mic and the mh 31a8j is a dynamic mic.any help what about a heil hm 10-5 dynamic .thanks ray n5iz

[Non-text portions of this message have been removed]

29810. Re: [FT897] ft 897 mic question

Yahoo group: FT897 (2010)
Date: 2010-04-20 19:29:56 UTC
From: Dan Schaaf
Topic: 29807 Message: 29810

I use the Heil Pro-Set Plus with the built in boom mic. I get great reports. Good DX Punch.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

29811. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-20 21:54:41 UTC
From: Sean
Topic: 29776 Message: 29811

Did you just use a male to male mini phone jack for the connection?

--- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@...> wrote:
>
>
>
>
>
> Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR
>
>
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> >
> > Hey KJ4SLN Allen
> > How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
> > Thanks!
> >
> > W7TRD Sean
> >
> > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > >
> > >
> > >
> > >
> > >
> > >
> > > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > > KJ4SLN Allen
> > >
> > > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
> > >
> > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > >
> > > > Are external the way to go for base station operation?
> > > >
> > > > Sean W7TRD
> > > >

> > >
> >
>

29812. F/S: CW Filter for 897/857/817

Yahoo group: FT897 (2010)
Date: 2010-04-20 21:56:20 UTC
From: w6ur
Topic: 29287 Message: 29812

Hi All,

I have for sale a 300 Hz CW filter for above radios. $100.00 delivered. CONUS only. Please contact me off line if interested.

Thanks es 73,

Lou - W6UR

29813. Re: Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-20 22:00:15 UTC
From: Sean
Topic: 29778 Message: 29813

Is the YF-122S Collins SSB Filter 2.3 kHz, 10-pole, a "plug-n-play" chip? Or does in need to be soldered?
Thanks!

--- In FT897@yahoogroups.com, "Richard Drevo" <rdrevo@...> wrote:
>
> Sean,
>
> I have found the "clarifier" knob to be very useful in helping "understand"
> what other stations are saying. It is certainly no substitute for a 2nd IF
> filter, but used in conjunction with a 2nd IF filter it can be veru useful.
>
> Hope this helps,
>
> 73es,
> Dick, W3GNQ
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
> Sent: Sunday, April 18, 2010 3:33 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Clarifier Adjustments
>
>
>
>
>
> Some stations come in clear, and some appear to be off freq. (robot
> sounding). Do I need to mess with the clarifier knob?
> Sorry for the noob questions.
> Thanks!
>
> Sean W7TRD
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29814. Re: [FT897] Re: Clarifier Adjustments

Yahoo group: FT897 (2010)
Date: 2010-04-20 22:42:22 UTC
From: Gary Altig
Topic: 29778 Message: 29814

DE N7UVL,
Its "plug in". Careful, the it only fits right in one direction.
-Two plug-in spots-remember which one each filter is
plugged in to, so you can remember which one to switch
to./ga

----- Original Message -----
From: Sean<mailto:kamaaina1@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, April 20, 2010 3:00 PM
Subject: [FT897] Re: Clarifier Adjustments

Is the YF-122S Collins SSB Filter 2.3 kHz, 10-pole, a "plug-n-play" chip? Or does in need to be soldered?
Thanks!

--- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Richard Drevo" <rdrevo@...> wrote:
>
> Sean,
>
> I have found the "clarifier" knob to be very useful in helping "understand"
> what other stations are saying. It is certainly no substitute for a 2nd IF
> filter, but used in conjunction with a 2nd IF filter it can be veru useful.
>
> Hope this helps,
>
> 73es,
> Dick, W3GNQ
>
> _____
>
> From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of Sean
> Sent: Sunday, April 18, 2010 3:33 PM
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Clarifier Adjustments
>
>
>
>
>
> Some stations come in clear, and some appear to be off freq. (robot
> sounding). Do I need to mess with the clarifier knob?
> Sorry for the noob questions.
> Thanks!
>

> Sean W7TRD
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29815. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-21 01:27:21 UTC
From: KJ4SLN Allen
Topic: 29776 Message: 29815

used a 3.5 stereo out male/male from the card in the system and wired one side out from the soundcard for TV input audio center in 3.5 for the tv and the other side Sub wolf left hang...I had it all going to a ONKY but when I transmited I changed the setup chip and had blasting audio when I turned it up...It also showed up loud when I transmitted ...on the center speaker
--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Did you just use a male to male mini phone jack for the connection?
>
> --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> >
> >
> >
> >
> >
> > Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR
> >
> >
> > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > >
> > > Hey KJ4SLN Allen
> > > How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
> > > Thanks!
> > >
> > > W7TRD Sean
> > >
> > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > > > KJ4SLN Allen
> > > >
> > > > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.

> > > >
> > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > > >
> > > > > Are external the way to go for base station operation?
> > > > > >
> > > > > Sean W7TRD
> > > > > >
> > > > >
> > >
> >
>

29816. Re: ft 897 mic question

Yahoo group: FT897 (2010)
Date: 2010-04-21 09:24:00 UTC
From: nr3r15
Topic: 29807 Message: 29816

what about a heil hm 10-5 dynamic .thanks ray n5iz

I use the Heil HM Dual with my 897 and she works great ! in fact I have the Travler and Pro Set also work.
Larry / nr3r

29817. FT897 of FT817 and SDR RX

Yahoo group: FT897 (2010)
Date: 2010-04-21 11:06:54 UTC
From: Dominic
Topic: 29817 Message: 29817

Hi,

Anyone tapped into the 1st (68.33MHz) or 2nd (455KHz) IF of an FT897 or FT817 and used a softrock?

I am thinking the 1st IF will need a V9.0 base with a FIN1002 and 20ppm Si570 LDVS version capable of >1GHz for the 4x freq at 273.32MHz would be needed but the 74AC74 would probably not cope at this frequency, so maybe go for an LO of and ADE-1 mixer route as per VHF converter.

Or

Use the 2nd IF at 455KHz and perhaps a V6.2 lite and a 3.64MHz crystal or a DDS and divide by 8.

72

Dom
M1KTA

29818. FT-897D LDG-AT897 ATU

Yahoo group: FT897 (2010)
Date: 2010-04-21 12:22:28 UTC
From: chirpytom
Topic: 29818 Message: 29818

Hello Everyone.
I have an LDG-AT897 auto tuner that has failed? The unit was working really well, until for some reason it blew the R15 resistor, and as LDG do not send out schematics, (I have tried, in vain, to locate a schematic for it, LDG not very helpful!) I have decided to sell the ATU 'as is' hoping that some lucky person out there can make use of it? The offending resistor has been removed by a very capable 'ham' and cleaned the point of contact, leaving two tails, ready to reconnect whatever the needed resistor is. I am selling it as I have managed to obtain a new one.
I am unsure as to what price to put on this item, so if any of you are interested, then please make me a reasonable offer, as I really do not like eBay!
I am willing to send this ATU worldwide at the buyers cost, with a 'tracking' service, that way I will know it has arrived safely.
Thank-you for reading my mail and I look forward to any offers.
73 Brian
(2E0BWQ)

29819. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-21 14:36:40 UTC
From: Sean
Topic: 29776 Message: 29819

I pluged is a pair of computer speakers, but only one speaker is working. Sounds a little better though. Can I use a male to male stereo jack from radio to sound card on computer> Thanks again!!
Sean W7TRD

--- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@...> wrote:
>
>
>
>
>
>
>
> used a 3.5 stereo out male/male from the card in the system and wired one side out from the soundcard for TV input audio center in 3.5 for the tv and the other side Sub wolf left hang...I had it all going to a ONKY but when I transmited I changed the setup chip and had blasting audio when I turned it up...It also showed up loud when I transmitted ...on the center speaker
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> >
> > Did you just use a male to male mini phone jack for the connection?
> >
> > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > >
> > >
> > >
> > >
> > >
> > > Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR
> > >
> > >
> > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > >
> > > > Hey KJ4SLN Allen
> > > > How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
> > > > Thanks!
> > > >
> > > > W7TRD Sean
> > > >
> > > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > > > >
> > > > >
> > > > >

> > > > >
> > > > >
> > > > >
> > > > > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > > > > KJ4SLN Allen
> > > > >
> > > > > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
> > > > >
> > > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > > > >
> > > > > > Are external the way to go for base station operation?
> > > > > > >
> > > > > > Sean W7TRD
> > > > > > >
> > > > > >
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> >

29820. Re: FT897 of FT817 and SDR RX

Yahoo group: FT897 (2010)
Date: 2010-04-21 15:58:20 UTC
From: W1AEX
Topic: 29817 Message: 29820

Hi Dom,

I tapped into the 455KHz IF of my 897D at the optional IF filter connectors and utilized a downconverter (455KHz > 11KHz) connected to the input of my soundcard to utilize Flex Radio's PowerSDR for reception. It worked out very well.

I used a 5.0V Programmable oscillator running at 1.776MHz and divided down to produce 466KHz which was then mixed with the 455KHz to produce an 11KHz signal for the soundcard. The schematic is located here: http://members.cox.net/w1aex.fn31/KE1GFdownconverter.jpg

Good luck with your project!

Rob W1AEX

--- In FT897@yahoogroups.com, "Dominic" <dombaines@...> wrote:
>
> Hi,
>
> Anyone tapped into the 1st (68.33MHz) or 2nd (455KHz) IF of an FT897 or FT817 and used a softrock?
>
> I am thinking the 1st IF will need a V9.0 base with a FIN1002 and 20ppm Si570 LDVS version capable of >1GHz for the 4x freq at 273.32MHz would be needed but the 74AC74 would probably not cope at this frequency, so maybe go for an LO of and ADE-1 mixer route as per VHF converter.
>
> Or
>
> Use the 2nd IF at 455KHz and perhaps a V6.2 lite and a 3.64MHz crystal or a DDS and divide by 8.
>
> 72
>
> Dom
> M1KTA
>

29821. Re: FT897 of FT817 and SDR RX

Yahoo group: FT897 (2010)
Date: 2010-04-21 17:39:22 UTC
From: ridge_bo
Topic: 29817 Message: 29821

Hi Dom,
By accident I found this website: http://users.skynet.be/myspace/mdsr/
looks like those guys are doing exactly what you want. They tap from 455kc and down convert it to 12kc to be fed in the line-in of the soundcard.
Hope this helps,
Bo

--- In FT897@yahoogroups.com, "Dominic" <dombaines@...> wrote:
>
> Hi,
>
> Anyone tapped into the 1st (68.33MHz) or 2nd (455KHz) IF of an FT897 or FT817 and used a softrock?
>
> I am thinking the 1st IF will need a V9.0 base with a FIN1002 and 20ppm Si570 LDVS version capable of >1GHz for the 4x freq at 273.32MHz would be needed but the 74AC74 would probably not cope at this frequency, so maybe go for an LO of and ADE-1 mixer route as per VHF converter.
>
> Or
>
> Use the 2nd IF at 455KHz and perhaps a V6.2 lite and a 3.64MHz crystal or a DDS and divide by 8.
>
> 72
>
> Dom
> M1KTA
>

29822. Re: [FT897] Re: Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-21 22:23:32 UTC
From: n0bnd Yahoo
Topic: 29785 Message: 29822

I feel vindicated.

More mystery - I hooked up my 706mkIIG with an RT-11 tuner to the same antennas and no problem up to full power. MFJ-259b says antennas are tuned good. Next I'm trying an atas on the 897 or 897 with RT-11. I'll report.

Joel Mueller

On Apr 20, 2010, at 5:41 AM, "g8hul" <g8hul@aerial.freeserve.co.uk> wrote:

--- In FT897@yahoogroups.com, Joel Mueller <n0bnd@...> wrote:
>
> ok so my memory does not serve me well. Maybe t wasn't a rabbit but it was a car with electronic ignition. My apologies....
>

You are correct, rf would shut down the electronically driven fuel pump relay in my Golf (rabbit in the US) GTI.

Jeff

[Non-text portions of this message have been removed]

29823. Re: [FT897] Re: Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-21 22:52:54 UTC
From: JAMES AMBURN
Topic: 29785 Message: 29823

Hi Everyone,
I run a Yeasu FT-857 in a 2007 Dodge Ram Diesel and also ran it and a FT-100 in a 99 Dodge Ram Diesel with a High Sierra Sidekick and a ham stick at different time and 100 watts with no problem. I have a friend with a Dodge Durango V8 who runs the same radio with a Hustler ant. with no problems. We both run vhf at 50 watts with no problem. You most likely have a grounding problem with the EMC.

73's
Jim N0TUI

----- Original Message -----
From: n0bnd Yahoo<mailto:n0bnd@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, April 21, 2010 4:23 PM
Subject: Re: [FT897] Re: Dodge RF Problems

I feel vindicated.

More mystery - I hooked up my 706mkIIG with an RT-11 tuner to the same antennas and no problem up to full power. MFJ-259b says antennas are tuned good. Next I'm trying an atas on the 897 or 897 with RT-11. I'll report.

Joel Mueller

On Apr 20, 2010, at 5:41 AM, "g8hul" <g8hul@...<mailto:g8hul%40aerial.freeserve.co.uk>> wrote:

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, Joel Mueller <n0bnd@...> wrote:
>
> ok so my memory does not serve me well. Maybe t wasn't a rabbit but it was a car with electronic ignition. My apologies....
>

You are correct, rf would shut down the electronically driven fuel pump relay in my Golf (rabbit in the US) GTI.

Jeff

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29824. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 00:15:05 UTC
From: KJ4SLN Allen
Topic: 29776 Message: 29824

Sure can.. ....Check the speakers for feedback when you transmit..I 1st had a radio shack center that was bad news..Now I use the speakers in my flatron from LG now I can keep the exteral off and still hear the radio through the Monitor..great for pm, don't disturb the wife... daytime I can hear the tunes from ITUNES and the radio on the same speakers..all 7 of them...What sound card do you have

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> I pluged is a pair of computer speakers, but only one speaker is working. Sounds a little better though. Can I use a male to male stereo jack from radio to sound card on computer>
> Thanks again!!
> Sean W7TRD
>
> --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> >
> >
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> >
> > used a 3.5 stereo out male/male from the card in the system and wired one side out from the soundcard for TV input audio center in 3.5 for the tv and the other side Sub wolf left hang...I had it all going to a ONKY but when I transmited I changed the setup chip and had blasting audio when I turned it up...It also showed up loud when I transmitted ...on the center speaker
> > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > >
> > > Did you just use a male to male mini phone jack for the connection?
> > >
> > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR
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> > > >
> > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > > >
> > > > > Hey KJ4SLN Allen
> > > > > How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?

> > > > > Thanks!
> > > > >
> > > > > W7TRD Sean
> > > > >
> > > > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
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> > > > > > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > > > > > KJ4SLN Allen
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> > > > > > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
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> > > > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > > > > >
> > > > > > > Are external the way to go for base station operation?
> > > > > > >
> > > > > > > Sean W7TRD
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29825. Can't Hear CW on CW mode

Yahoo group: FT897 (2010)
Date: 2010-04-22 02:09:02 UTC
From: GeorgeS
Topic: 29825 Message: 29825

But, I can hear it on digital and LSB modes. Why? Thanks.

George KC2VQV

29826. Re: [FT897] Can't Hear CW on CW mode

Yahoo group: FT897 (2010)
Date: 2010-04-22 02:15:53 UTC
From: Robert Walling
Topic: 29825 Message: 29826

Make sure your DSP is turned off in CW mode, if it's on and set for 60Hz bandpass, you have to be just about perfectly tuned to hear anything. Turn the VFO knob slowly in the CW subband, if conditions are good, you should hear some activity. When the green light on your rig turns blue you have zero beat the signal and you know you have the CW tuned in correctly.
Bob KD7EX

--- On Wed, 4/21/10, GeorgeS <geodstewart@...> wrote:

From: GeorgeS <geodstewart@...>
Subject: [FT897] Can't Hear CW on CW mode
To: FT897@yahoogroups.com
Date: Wednesday, April 21, 2010, 9:09 PM

But, I can hear it on digital and LSB modes. Why? Thanks.

George KC2VQV

[Non-text portions of this message have been removed]

29827. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 03:43:32 UTC
From: Sean
Topic: 29776 Message: 29827

I have the Sound Blaster® Audigy® 4. I connected a M to M jack but I need to do some adjustments. It doesn't sound all that good. Any suggestions?
Thanks!!
W7TRD Sean

--- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@...> wrote:
>
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>
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>
> Sure can.. ....Check the speakers for feedback when you transmit..I 1st had a radio shack center that was bad news..Now I use the speakers in my flatron from LG now I can keep the exteral off and still hear the radio through the Monitor..great for pm, don't disturb the wife... daytime I can hear the tunes from ITUNES and the radio on the same speakers..all 7 of them...What sound card do you have
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>
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
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> > I pluged is a pair of computer speakers, but only one speaker is working. Sounds a little better though. Can I use a male to male stereo jack from radio to sound card on computer>
> > Thanks again!!
> > Sean W7TRD
> >
> > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
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> > >
> > >
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> > >
> > > used a 3.5 stereo out male/male from the card in the system and wired one side out from the soundcard for TV input audio center in 3.5 for the tv and the other side Sub wolf left hang...I had it all going to a ONKY but when I transmited I changed the setup chip and had blasting audio when I turned it up...It also showed up loud when I transmitted ...on the center speaker
> > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > >
> > > > Did you just use a male to male mini phone jack for the connection?

> > > >
> > > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > Used the mike input for the input to the sound card from the radio. Told HRD and set the sound card under the tools in HDR
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> > > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
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> > > > > > Hey KJ4SLN Allen
> > > > > > How did you get audio out of HRD? I can't seen to make that happen. How can you get audio from radio to HRD output?
> > > > > > Thanks!
> > > > > >
> > > > > > W7TRD Sean
> > > > > >
> > > > > > --- In FT897@yahoogroups.com, "KJ4SLN Allen" <kj4sln@> wrote:
> > > > > > >
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> > > > > > >
> > > > > > > I dumped mine into the computer and the Sound Blaser X-FiXtreme sound card sorts it out. I can adj the audio/everything out. The same input runs Ham Radio Deluxe along with using the Cat from the radio to my Windows XP system USB port. I also use ADMS-4B to program my 897D and it works GREAAAT!
> > > > > > > KJ4SLN Allen
> > > > > > >
> > > > > > > P.S. I set the computer sound to 5.1 and used two Labtec Computer Sound System speaker setups (thats 2subs/4sat) for the front & back and use the speaker in my LG Flat M2362D for the center speaker. I use the 897D as a FM/AM/Shortwave rec. too and the music sounds just fine.
> > > > > > >
> > > > > > > --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> > > > > > > >
> > > > > > > > Are external the way to go for base station operation?
> > > > > > > >
> > > > > > > > Sean W7TRD
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >

>

29828. Re: FT-897D transmitted AM audio modulation sounds dreadful. Pls help ??

Yahoo group: FT897 (2010)
Date: 2010-04-19 11:10:06 UTC
From: tom_tuttle@rocketmail.com
Topic: 29763 Message: 29828

Sometimes with very sensitive mics like the MH-59A8J you have to set them down to about 15%-20% or you end up with excessive drive.
tom

29829. Re: band switch glitch

Yahoo group: FT897 (2010)
Date: 2010-04-19 12:55:23 UTC
From: kb3fte
Topic: 29765 Message: 29829

Lee,

I had a similar experience on VFO A. I had been using the radio as normal, stepped away for dinner and when I returned and started to switch bands I found that I had two occurences of the 80m band and had lost one or two others.
Since the radio is designed to remember the last frequencies used for each band, and since the up/down buttons loop, I simply reentered the starting frequencies for each band again (in the proper order of course).
That fixed it, but I couldn't point to what had happened.
73s
Reagan

--- In FT897@yahoogroups.com, "Lee" <m0hok@...> wrote:
>
> Hi folks, I had a problem with my brand new FT897 D today.I was on VFO B on 7 Mhz just listening.I then pressed the band UP button and the radio jumped to 10 Mhz ..fine...I then pressed BAND UP again but the radio jumped back DOWN to 7 Mhz ! I then pressed BAND DOWN and the radio jumped back UP to 10 Mhz ! and so on it went back and forth between the two bands no matter which band button I pressed.
> I was not transmitting at any time and VFO A seemed fine.
> I kept on pressing BAND DOWN over and over and eventually the radio put itself right.
> Anybody have a clue what has happened please? I have searched the archives but haven't found any similar problem.
> I did have a digital interface plugged into the data socket at the time if that makes any difference?
> best wishes...
> lee
>

29830. Re: [FT897] Re: Dodge RF Problems

Yahoo group: FT897 (2010)
Date: 2010-04-22 06:55:38 UTC
From: Richard Corfield
Topic: 29785 Message: 29830

On 21 April 2010 23:23, n0bnd Yahoo <n0bnd@...> wrote:

> I feel vindicated.
>
> More mystery - I hooked up my 706mkIIG with an RT-11 tuner to the same
> antennas and no problem up to full power. MFJ-259b says antennas are tuned
> good. Next I'm trying an atas on the 897 or 897 with RT-11. I'll report.
>
> Joel Mueller
>
>
A good sign as it would imply that RF is not the problem. I assume both radios were running off the car battery, so the problem could be interference carried back through the supply wiring.

Maybe a grounding problem or "RF in the shack" with a badly out of balance antenna. You could try wrapping the supply wires as a pair around a ferrite ring a few times. Also the same with the antenna feed wire. I'd normally say at the antenna end - but there's a tuner in the equation.

- Richard

[Non-text portions of this message have been removed]

29831. Re: [FT897] Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 06:58:03 UTC
From: Richard Corfield
Topic: 29776 Message: 29831

On 21 April 2010 15:36, Sean <kamaaina1@...> wrote:

>
>
> I pluged is a pair of computer speakers, but only one speaker is working.
> Sounds a little better though. Can I use a male to male stereo jack from
> radio to sound card on computer>
> Thanks again!!
>

I've done this, though level out of the back of the radio can be high if you turn the volume up too much. A good idea is to use the DATA port on the back, either making up your own cable or buying one. You can still monitor the audio out of the radio speaker/headphone if you wish then, and level out of that port is not effected by the volume control so is consistent.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

29832. Sidetone on/off ?

Yahoo group: FT897 (2010)
Date: 2010-04-22 09:04:35 UTC
From: cohennessy
Topic: 29832 Message: 29832

I have lost the sidetone in cw mode ?
Speaker working OK on rx.

I think I have fiddled with the wrong button in the wrong program Hi Hi.
So Many Programs :o(

29833. Sidetone = none. Why ?

Yahoo group: FT897 (2010)
Date: 2010-04-22 09:20:24 UTC
From: cohennessy
Topic: 29833 Message: 29833

When in CW mode I get output but no sidetone.
Last time used CW was OK.
Can not find a program to turn sidetone on/off.
Volume is set at 15 my usual.

I see this problem in previous messages but I see no replies.

Clive GM4VVX

29834. Re: [FT897] Sidetone = none. Why ?

Yahoo group: FT897 (2010)
Date: 2010-04-22 09:50:38 UTC
From: Richard Corfield
Topic: 29833 Message: 29834

It is in the menus somewhere. I don't remember where. I remember turning it down on mine as it was quite loud.

- Richard

On 22 April 2010 10:20, cohennessy <cohennessy@...> wrote:

>
>
> When in CW mode I get output but no sidetone.
> Last time used CW was OK.
> Can not find a program to turn sidetone on/off.
> Volume is set at 15 my usual.
>
> I see this problem in previous messages but I see no replies.
>
> Clive GM4VVX
>
>
>

[Non-text portions of this message have been removed]

29835. Heil CB-1-PTT base assembly

Yahoo group: FT897 (2010)
Date: 2010-04-22 12:33:55 UTC
From: Sean
Topic: 29835 Message: 29835

Silly question. How do I put the CB-1-PTT together? I don't see how I screw the riser into the base. I'm sure it's so simple, I can't figure it out. The only way I can see is if you peel the rubber foam bottom back to insert the screw. But that doesn't seem right...

H E L P !!!

Sean W7TRD

29836. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 14:54:12 UTC
From: Sean
Topic: 29776 Message: 29836

I used a male to male 3.5 jack from radio to sound card on computer. Both speakers & sub seem to work ok. Need to make some adjustments though. For some strange reason, I only get feedback when transmitting on 2M. 440 & 10M, no feedback. Might just go back to the single speaker, and scrap the computer speaker setup. I also finally got HRD to playback recordings. I would like to use the computer speakers, but the feedback is unacceptable.

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> On 21 April 2010 15:36, Sean <kamaaina1@...> wrote:
>
> >
> >
> > I pluged is a pair of computer speakers, but only one speaker is working.
> > Sounds a little better though. Can I use a male to male stereo jack from
> > radio to sound card on computer>
> > Thanks again!!
> >
>
> I've done this, though level out of the back of the radio can be high if you
> turn the volume up too much. A good idea is to use the DATA port on the
> back, either making up your own cable or buying one. You can still monitor
> the audio out of the radio speaker/headphone if you wish then, and level out
> of that port is not effected by the volume control so is consistent.
>
> - Richard (M0RJC)
>
>
> [Non-text portions of this message have been removed]
>

29837. Re: [FT897] Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 15:15:41 UTC
From: Bill Husted
Topic: 29776 Message: 29837

I'm just musing here - but great speakers for listening to music can be horrible for radio. Speakers made for communications generally have a strong mid-range but not much high or low. Speakers for music can make QRN and static bursts more intense. The 897d - in my opinion - is a bit noisy to begin with and adding high fidelity speakers can make that worse.

What a person wants to hear with communications equipment, on SSB at least, is the voice. And you can often hear that best with communications speakers.

Like I said, I'm just talking here, obviously the best speakers for a radio are the ones a person enjoys most. And what bothers me may not bother others.

Bill, KQ4YA
----- Original Message -----
From: Sean
To: FT897@yahoogroups.com
Sent: Thursday, April 22, 2010 10:54 AM
Subject: [FT897] Re: External -vs- Internal speakers

I used a male to male 3.5 jack from radio to sound card on computer. Both speakers & sub seem to work ok. Need to make some adjustments though. For some strange reason, I only get feedback when transmitting on 2M. 440 & 10M, no feedback. Might just go back to the single speaker, and scrap the computer speaker setup. I also finally got HRD to playback recordings. I would like to use the computer speakers, but the feedback is unacceptable.

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> On 21 April 2010 15:36, Sean <kamaaina1@...> wrote:
>
> >
> >
> > I pluged is a pair of computer speakers, but only one speaker is working.
> > Sounds a little better though. Can I use a male to male stereo jack from
> > radio to sound card on computer>
> > Thanks again!!
> >
>
> I've done this, though level out of the back of the radio can be high if you
> turn the volume up too much. A good idea is to use the DATA port on the
> back, either making up your own cable or buying one. You can still monitor
> the audio out of the radio speaker/headphone if you wish then, and level out
> of that port is not effected by the volume control so is consistent.
>
> - Richard (M0RJC)
>
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29838. Re: [FT897] Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-22 15:33:40 UTC
From: Joe
Topic: 29776 Message: 29838

Yeah..just what the heck do you know??!!

Just joshing ya.......

A simple solution to the audio range and high quality speakers, is to go to
Radio Shack and buy a cheapo audio equalizer (
http://www.radioshack.com/search/index.jsp?kwCatId=&kw=audio%20equalizer&origkw=audio%20equalizer&sr=1)
and use that to 'tailor' the audio characteristic that is most pleasing to
one's ear. I imagine eBay has a few cheapos as well.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Bill Husted" <bhusted@...>
Subject: Re: [FT897] Re: External -vs- Internal speakers

> I'm just musing here - but great speakers for listening to music can be
> horrible for radio. Speakers made for communications generally have a
> strong mid-range but not much high or low. Speakers for music can make QRN
> and static bursts more intense. The 897d - in my opinion - is a bit noisy
> to begin with and adding high fidelity speakers can make that worse.

29839. Re: Heil CB-1-PTT base assembly

Yahoo group: FT897 (2010)
Date: 2010-04-22 20:36:12 UTC
From: Sean
Topic: 29835 Message: 29839

Got it! Had to peel back a pre-cut hole in the foam.

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Silly question. How do I put the CB-1-PTT together? I don't see how I screw the riser into the base. I'm sure it's so simple, I can't figure it out. The only way I can see is if you peel the rubber foam bottom back to insert the screw. But that doesn't seem right...
>
> H E L P !!!
>
> Sean W7TRD
>

29840. balanced line & metal-framed windows

Yahoo group: FT897 (2010)
Date: 2010-04-22 21:31:34 UTC
From: ZephyrNYC
Topic: 29840 Message: 29840

Hello, everyone. Does anyone in the group feed an outdoor antenna with twin coax or regular (non-coax) balanced line going through a metal-framed window? If so, what kind of problems do you experience? AFAIK, using balanced line near metal is a big no-no, but I read this today:

Regular balanced line:

http://www.mail-archive.com/elecraft@.../msg30984.html

"... you can cross a metallic boundary with parallel feedline with no problem to the RF as long as it occurs at right angles to the feedline - again be careful that you have adequate insulation where you cross, the RF voltages can be quite high even with low or moderate power if the feedline has a high SWR."

And this on balanced (twin) coax:

http://eham.net/ehamforum/smf/index.php?topic=66987.0

"I would like some advice on feeding 450 ohm window line at right angles through aluminum siding. It's the only way I can do it! Can I get reasonably close at this right angle? or do I need several inches around etc."

"If you want to be entirely safe about it, you could change the ladderline to two side-by-side coaxes for the short final run through the siding and to the shack.

Connect an inside conductor of each coax to each of the balanced line conductors.

At the balanced line side, connect both coax shields together and solder. Insulate all three connections from each other well, using weatherproof tape or something suitable.

At the shack end, connect the two center conductors of the two coaxes to the balance line connects. Connect the two shields together and also connect them to shack ground.

This will create a shielded, balanced line that can cross conductive metals without problem. You could pass the two side-by-side coaxial cables through the siding through one tight pass hole or two, doesn't matter as they are now shielded but still running in blanced mode.

Old trick that works."

More on regular balanced line:

'But seriously, I'm sure you've heard that you have to "keep
ladderline several inches from metal."

Right angle crossings don't really count.

The important thing with keeping ladderline away from *metal* is that
you don't want to run it for a long stretch close to and in parallel
with a third unbroken conductor, because that turns it into a
different kind of feedline, one that has a lower characteristic
impedance and generally one that has more loss in the situations where
people like to use ladderline. So that's what you want to avoid.
And if you ran it very close to a long stretch of lossy, damp material
like dirt, the way the fields interact with the dirt would cause a lot
of very direct loss.'

More on balanced (twin) coax:

http://forums.hamisland.net/viewtopic.php?f=4&t=4793

Aside from differences in shielding, weight and cost; what are the
pros & cons of using balanced coax vs. regular balanced insulated
line?

Does RF from balanced feedline really cause interference to pacemakers
and other medical devices? I am curious because my apartment window
frames seem to be constructed of aluminum, and I have plans for an
antenna that will probably need a long feedline. The two windows are
approximately 4' and 15' from the edge of a metal fire escape.
Thanks.

73,
Frank wF2ANK

"Security is mostly a superstition. Avoiding danger is no safer in the
long run than outright exposure. Life is either a daring adventure or
nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.yahoo.com/group/FT-857/ , or send an email to
FT-857-subscribe@yahoogroups.com .

29841. Re: [FT897] balanced line & metal-framed windows

Yahoo group: FT897 (2010)
Date: 2010-04-23 02:54:45 UTC
From: ka9p@aol.com
Topic: 29840 Message: 29841

I've got a pair of feedthroughs thru an aluminum window frame for passing balanced wire into house and never bothered to wonder about it til now :)

If you look at a balanced wire tuner you have parallel conductors coming out of a metal panel at right angles with no problem - not exactly the same, but I bet it works ok. 73 Scott

In a message dated 4/22/2010 4:32:40 P.M. Central Daylight Time, ZephyrNYC@... writes:

Hello, everyone. Does anyone in the group feed an outdoor antenna with twin coax or regular (non-coax) balanced line going through a metal-framed window? If so, what kind of problems do you experience? AFAIK, using balanced line near metal is a big no-no, but I read this today:

Regular balanced line:

http://www.mail-http://www.mhttp://wwhttp://www.mhttp://www.mahttp
(http://www.mail-archive.com/elecraft@.../msg30984.html)

"... you can cross a metallic boundary with parallel
feedline with no problem to the RF as long as it occurs at right angles to the feedline - again be careful that you have adequate insulation where you cross, the RF voltages can be quite high even with low or moderate power if the feedline has a high SWR."

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http://eham.http://eham.<Whttp://ehahttp://ehahttp://
(http://eham.net/ehamforum/smf/index.php?topic=66987.0)

"I would like some advice on feeding 450 ohm window line at right angles through aluminum siding. It's the only way I can do it! Can I get reasonably close at this right angle? or do I need several inches around etc."

"If you want to be entirely safe about it, you could change the ladderline to two side-by-side coaxes for the short final run through the siding and to the shack.

Connect an inside conductor of each coax to each of the balanced line conductors.

At the balanced line side, connect both coax shields together and solder. Insulate all three connections from each other well, using weatherproof tape or something suitable.

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Old trick that works."

More on regular balanced line:

'But seriously, I'm sure you've heard that you have to "keep ladderline several inches from metal."

Right angle crossings don't really count.

The important thing with keeping ladderline away from *metal* is that you don't want to run it for a long stretch close to and in parallel with a third unbroken conductor, because that turns it into a different kind of feedline, one that has a lower characteristic impedance and generally one that has more loss in the situations where people like to use ladderline. So that's what you want to avoid. And if you ran it very close to a long stretch of lossy, damp material like dirt, the way the fields interact with the dirt would cause a lot of very direct loss.'

More on balanced (twin) coax:

http://forums.http://forhttp://forums.http://&t=t=<W
(http://forums.hamisland.net/viewtopic.php?f=4&t=4793)

Aside from differences in shielding, weight and cost; what are the pros & cons of using balanced coax vs. regular balanced insulated line?

Does RF from balanced feedline really cause interference to pacemakers and other medical devices? I am curious because my apartment window frames seem to be constructed of aluminum, and I have plans for an antenna that will probably need a long feedline. The two windows are approximately 4' and 15' from the edge of a metal fire escape. Thanks.

73,
Frank wF2ANK

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.http://grohttp://grhttp

(http://groups.yahoo.com/group/FT-857/) , or send an email to
FT-857-subscribe@FT-857-subscFT-
(mailto:FT-857-subscribe@yahoogroups.com) .

[Non-text portions of this message have been removed]

29842. F/S: CW Filter for FT-817/857/897

Yahoo group: FT897 (2010)
Date: 2010-04-23 03:26:18 UTC
From: w6ur
Topic: 29842 Message: 29842

Hi all,

Recently sold my FT-857 so I now have for sale a 300 Hz CW filter for above radios. $95.00 del CONUS, postal money order only. If interested please contact me off line. w6ur at arrl.net

Tnx for reading,

Lou - W6UR

29843. Newbie to the Group

Yahoo group: FT897 (2010)
Date: 2010-04-23 02:38:47 UTC
From: droberts_98
Topic: 29843 Message: 29843

Hi from N4DBR.

My son (KI4RBL) won an FT-897D at the Catawba Valley Hamfest last weekend. We're getting ready to break it in.

Any suggestions?

We live in Lenoir, NC. I'm a Baptist minister and he's in 10th grade.

73s for now,

David - N4DBR

29844. Re: [FT897] Newbie to the Group

Yahoo group: FT897 (2010)
Date: 2010-04-23 04:25:41 UTC
From: Joe
Topic: 29843 Message: 29844

That is way too much radio for a 10th grader......send it to me...... I will break it in gently, Right Gary??!! (In joke)

<<GRIN>>

Congrats on the win!

Do yourselves a big favor...Go to www.niftyaccessories.com and purchase the Nifty Mini-Manual for the radio. Makes quick referencing a dream. When you go to the site, you will see what I am speaking about.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "droberts_98" <droberts_98@...>
Subject: [FT897] Newbie to the Group

> Hi from N4DBR.
>
> My son (KI4RBL) won an FT-897D at the Catawba Valley Hamfest last weekend.
> We're getting ready to break it in.
>
> Any suggestions?
>
> We live in Lenoir, NC. I'm a Baptist minister and he's in 10th grade.

29845. Re: [FT897] Newbie to the Group

Yahoo group: FT897 (2010)
Date: 2010-04-23 12:44:26 UTC
From: Paul Harris
Topic: 29843 Message: 29845

Above all before you do anything else read th operators manual, alot to digest but it has never failed me. Paul KB2VEC

--- On Thu, 4/22/10, droberts_98 <droberts_98@...> wrote:

From: droberts_98 <droberts_98@yahoo.com>
Subject: [FT897] Newbie to the Group
To: FT897@yahoogroups.com
Date: Thursday, April 22, 2010, 10:38 PM

Hi from N4DBR.

My son (KI4RBL) won an FT-897D at the Catawba Valley Hamfest last weekend. We're getting ready to break it in.

Any suggestions?

We live in Lenoir, NC. I'm a Baptist minister and he's in 10th grade.

73s for now,

David - N4DBR

[Non-text portions of this message have been removed]

29846. Re: [FT897] Newbie to the Group

Yahoo group: FT897 (2010)
Date: 2010-04-23 14:26:22 UTC
From: Danny Loyd
Topic: 29843 Message: 29846

Like Paul said read the manual and also get you Mini manual chart for quick references. You can find them on eBay for about 8-10 dollars. You will love this radio and you never quit learning new things about it. The best place for advise is right here.

Welcome to the world of FT-897D.

Danny
KE5WDI

From: Paul Harris <kb2vec@...>
To: FT897@yahoogroups.com
Sent: Fri, April 23, 2010 7:44:26 AM
Subject: Re: [FT897] Newbie to the Group

Above all before you do anything else read th operators manual, alot to digest but it has never failed me. Paul KB2VEC

--- On Thu, 4/22/10, droberts_98 <droberts_98@ yahoo.com> wrote:

From: droberts_98 <droberts_98@ yahoo.com>
Subject: [FT897] Newbie to the Group
To: FT897@yahoogroups. com
Date: Thursday, April 22, 2010, 10:38 PM

Hi from N4DBR.

My son (KI4RBL) won an FT-897D at the Catawba Valley Hamfest last weekend. We're getting ready to break it in.

Any suggestions?

We live in Lenoir, NC. I'm a Baptist minister and he's in 10th grade.

73s for now,

David - N4DBR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29847. hello

Yahoo group: FT897 (2010)
Date: 2010-04-23 16:00:22 UTC
From: skippy in space
Topic: 16134 Message: 29847

hello
how are you doing, I recommend to you a safe and cheap shopping store,
accept the secured transactions (PAYPAL), and to provide quality services
for buyers.
variety of quality products you can pick: LV GUCCI Chanel..etc. shoes,bags
Please remember the website: www. yd-trading com
any question please contact us MSN : yd-trading@ hotmail.com
Skype: uteriit620

best regards

[Non-text portions of this message have been removed]

29848. Re: [FT897] hello

Yahoo group: FT897 (2010)
Date: 2010-04-23 16:17:44 UTC
From: Joe
Topic: 16134 Message: 29848

OH NO! We are being spammed by skippies in space now! Is nothing sacred any more??? Have the Chinese launched a space station we don't know about???!!!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "skippy in space" <skippyinspace@...>
Subject: [FT897] hello

> hello
> how are you doing, I recommend to you a safe and cheap shopping store,
> accept the secured transactions (PAYPAL), and to provide quality services
> for buyers.

29849. Re: hello

Yahoo group: FT897 (2010)
Date: 2010-04-23 17:02:39 UTC
From: rschaffrath
Topic: 16134 Message: 29849

No my language you comprehend. Hopefully to understand English me get lucky happy!

Best my happy heart regards...

--- In FT897@yahoogroups.com, skippy in space <skippyinspace@...> wrote:
>
> hello
> how are you doing, I recommend to you a safe and cheap shopping store,
> accept the secured transactions (PAYPAL), and to provide quality services
> for buyers.
> variety of quality products you can pick: LV GUCCI Chanel..etc. shoes,bags
> Please remember the website: www. yd-trading com
> any question please contact us MSN : yd-trading@ hotmail.com
> Skype: uteriit620
>
> best regards
>
>
> [Non-text portions of this message have been removed]
>

29850. Re: [FT897] Re: hello

Yahoo group: FT897 (2010)
Date: 2010-04-23 17:27:46 UTC
From: Joe
Topic: 16134 Message: 29850

Heh! Stationed in the Philippines at one time, eh wot?!!

Joe - WA6RKN

----- Original Message -----
From: "rschaffrath" <robert@...>
Subject: [FT897] Re: hello

> No my language you comprehend. Hopefully to understand English me get
> lucky happy!
>
> Best my happy heart regards...

29851. Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-23 21:57:07 UTC
From: Paul Harris
Topic: 16134 Message: 29851

Maybe backward you speak Spam you. Paul KB2VEC

No my language you comprehend. Hopefully to understand En.> wrote:
>
> hello
> how are you doing, I recommend to you a safe and cheap shopping store,
> accept the secured transactions (PAYPAL), and to provide quality services
> for buyers.
> variety of quality products you can pick: LV GUCCI Chanel..etc. shoes,bags
> Please remember the website: www. yd-trading com
> any question please contact us MSN : yd-trading@ hotmail.com
> Skype: uteriit620
>
> best regards
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29852. Re: [FT897] Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-23 22:04:43 UTC
From: Carl Wulfestieg
Topic: 16134 Message: 29852

If you feel you must make comments, OK. But why do you keep sending the Spam to the whole list? It's probably full of viruses and spyware.
Carl WZ4CW

[Non-text portions of this message have been removed]

29853. Re: [FT897] Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-23 22:18:31 UTC
From: Joe
Topic: 16134 Message: 29853

Because we are having a little fun with a spam from a non-English speaking country.

What's life without some humor in it?

And it wasn't full of anything...Yahoo does a good job of filtering malware that is embedded in a message. It is the attachments than can byte you if one is careless in not keeping an up to date anti-malware program running on their system!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Carl Wulfestieg" <ag4ls@...>
Subject: Re: [FT897] Syntax Problem

> If you feel you must make comments, OK. But why do you keep sending the
> Spam to the whole list? It's probably full of viruses and spyware.

29854. Re: [FT897] Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-24 00:54:14 UTC
From: Paul Harris
Topic: 16134 Message: 29854

I removed all attachments Did you also notice yahoo removed things also. Paul KB2VEC

Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use

.

[Non-text portions of this message have been removed]

29855. Re: [FT897] Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-24 01:53:58 UTC
From: n0bnd Yahoo
Topic: 16134 Message: 29855

I didn't realize Yoda had an 897.

Joel Mueller

29856. Re: External -vs- Internal speakers

Yahoo group: FT897 (2010)
Date: 2010-04-24 03:22:29 UTC
From: Tim Seeley
Topic: 29776 Message: 29856

I use a pair of "shielded" Harmon computer speakers. ($25) These speakers have a tone control, more bass or more tenor, that I have found works like a DSP. I got a stereo splitter used so you can use regular head sets on airlines. It takes the 3.5 stereo jack and splits it into two mono 3.5 plugs. I plug one into my FT857D, and the other runs to my scanner. These speakers are amplified, but the bonus is, they run off of 12VDC. They also have a headphone jack on the front so hooking my headphones up is a snap. I have never had any feed back problems. For recording with HRD, I have my home brew sound card interface cable that I plug into the front jacks, (speaker and headphone) when I do digital modes, this allows me to "record" using the recorder in HRD, it just doesn't pickup when I transmit. I am working on a way around that tapping into my mic output.

Tim
kc0ujm

[Non-text portions of this message have been removed]

29857. Re: FT897 of FT817 and SDR RX

Yahoo group: FT897 (2010)
Date: 2010-04-24 03:12:05 UTC
From: alexschwarz237
Topic: 29817 Message: 29857

Hi Group;

It looks like someone finally found our group. We are definably doing the 455kHz to 12kHz receiver with our own developed demodulator and spectrum analyzer. The hardware is called LIF2010 and it is available as a kit from our website. The software is called DADP (USB-LSB-CW) demodulator (it a free download from the MDSR yahoo group). The cost of the hardware is $25 + $10 for shipping. Guy (ON6MU) built this unit into the FT-897 and it works great for him.
Further more we are in the process to develop software for modulation inside the computer. A prototype for this is already working. It is called MDSR (Modulation -Demodulation Software Radio). This is no toy and I have made many DX connections via my FT-817ND in QRP mode.
So please check us out: http://users.skynet.be/myspace/mdsr/

Thanks;

Alex
VE7DXW

--- In FT897@yahoogroups.com, "ridge_bo" <crusader2@...> wrote:
>
> Hi Dom,
> By accident I found this website: http://users.skynet.be/myspace/mdsr/
> looks like those guys are doing exactly what you want. They tap from 455kc and down convert it to 12kc to be fed in the line-in of the soundcard.
> Hope this helps,
> Bo
>
> --- In FT897@yahoogroups.com, "Dominic" <dombaines@> wrote:
> >
> > Hi,
> >
> > Anyone tapped into the 1st (68.33MHz) or 2nd (455KHz) IF of an FT897 or FT817 and used a softrock?
> >
> > I am thinking the 1st IF will need a V9.0 base with a FIN1002 and 20ppm Si570 LDVS version capable of >1GHz for the 4x freq at 273.32MHz would be needed but the 74AC74 would probably not cope at this frequency, so maybe go for an LO of and ADE-1 mixer route as per VHF converter.
> >
> > Or
> >
> > Use the 2nd IF at 455KHz and perhaps a V6.2 lite and a 3.64MHz crystal or a DDS and divide by 8.
> >
> > 72

> >
> > Dom
> > M1KTA
> >
>

29858. Introducing MDSR (modulation demodulation software radio) for FT-879 users

Yahoo group: FT897 (2010)
Date: 2010-04-24 03:34:48 UTC
From: alexschwarz237
Topic: 29858 Message: 29858

Hi Group;

The DADP is a software demodulator which was just recently tested successfully on the FT-897 by ON6MU. We take the 455kHz IF from the option filter port to create a SDR interface.
A 455kHz to 12kHz converter pugs into the audio card of your PC and with our own developed demodulator and spectrum analyzer you get SDR like performance. The hardware is called LIF2010 and it is available as a kit from our website. The software is called DADP (USB-LSB-CW) demodulator. The cost of the hardware is $25 + $10 for shipping and the software is a free download from the MDSR user group.

Further more we are in the process to develop software for modulation inside the computer. A prototype for this is already working. It is called MDSR (Modulation -Demodulation Software Radio). This is a full RX-TX capable software package and I have made many DX connections via my FT-817ND in QRP mode.
So please check us out: http://users.skynet.be/myspace/mdsr/

The whole development is done by HAMs for HAMs

Thanks;

Alex
VE7DXW

29859. Re: [FT897] Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-24 04:02:47 UTC
From: Finnigann
Topic: 16134 Message: 29859

On Fri, 23 Apr 2010 22:53:58 -0300, n0bnd Yahoo <n0bnd@...> wrote:

>
> I didn't realize Yoda had an 897.

> Joel Mueller
>
That's why he's so COOL!

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29860. Frequency Adjustment

Yahoo group: FT897 (2010)
Date: 2010-04-24 16:35:38 UTC
From: Curt Givens
Topic: 29860 Message: 29860

A quick question - How involved is it to adjust the frequency on the FT897D? I found while running the calibration scheme for Winmore that I am off . I used the Fldigi frequency module to determine the "offset" and if it doesn't involve dismantling the radio and a kilobuck or 2 of test equipment I would like to get it adjusted.

Tnx in advance,

de Curt KC8STE/AAR5VR OH
73

[Non-text portions of this message have been removed]

29861. Re: Syntax Problem

Yahoo group: FT897 (2010)
Date: 2010-04-24 19:37:25 UTC
From: W1AEX
Topic: 16134 Message: 29861

I would imagine it's a pain for the moderator to monitor SPAM in a list group like this one. I see that the "Links" section of this board has also begun to fill up with dubious links again. SPAM spewers are relentless. Or as Yoda would say, relentless they are...

Rob W1AEX

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Maybe backward you speak Spam you. Paul KB2VEC
>
>

29862. Re: S9 noise with no antenna attached

Yahoo group: FT897 (2010)
Date: 2010-04-25 04:10:03 UTC
From: ft100guy
Topic: 29459 Message: 29862

I have a 2008 vintage 857D and had the heavy static, when the crashes went away I noticed that the RX was very wide in that I can hear the edges of other signals to the left and right of my frequency, regardless of my two filter selections of ceramic or 1.9 inrad. I now know for a fact that up the chain there is the ceramic filter which must have gave up the ghost and is now passing wide rx to the two I have. You will notice it is more difficult to tune in as you will get two signals in the passband at once and a funky sound when on a crowded band as if you are using an AM filter on SSB.

--- In FT897@yahoogroups.com, "d_t_emerson" <74010.2230@...> wrote:
>
> Thanks, Craig.
>
> Looking at posts in this and other groups, there seems to be overwhelming evidence that the AM filter, CF1005, frequently goes bad. That also seems to be the case also in my own FT857D, purchased April 2008.
>
> I noticed something in the schematic and filter data-sheets:
>
> 1. In the Toko data-sheet for an ALFYM455H=K ceramic filter, which is the type used as CF1005, there is the note: "DC Decoupling capacitor. We recommend connecting a capacitor ... shutting off the DC current."
>
> So, the manufacturer recommends that the filter should only be AC coupled.
>
> 2. Looking at the FT857D (or 897...) schematic, the filter CF1005 is _not_ AC-coupled. The full diode DC switching voltage seems to be applied across both the input and output of this filter, contrary to the filter manufacturer's recommendation.
>
> 3. Looking at the similar CF1004 (SSB) filter in the FT897/857D schematic, the switching circuity is almost identical, except that there _are_ capacitors that block the DC to this filter input and output. I've not seen any failures reported for this filter.
>
> If DC is applied to CF1005, against the filter manufacturer's recommendations, then occasional failures might not be surprising. I could well believe that some batches of filters may be more immune to failure from unwanted DC than others.
>
> Did Vertex/Yaesu designers simply forget to include the DC blocking capacitors for CF1005 in the 897/857 design? If so, this might explain the premature failures of CF1005. If true, then a fix for a bad CF1005 filter might be simply to add blocking capacitors at the input and output, copying the schematic for CF1004. More to the point, adding the capacitors on a good filter might avoid a later failure.
>
> I haven't yet tried this. Does it make sense? I'm likely missing something important. Does anyone know of a Vertex/Yaesu Service Bulletin that might address this point?
>

> 73
> Darrel.
>
> --- In FT897@yahoogroups.com, N4CQR <n4cqr@> wrote:
> >
> > Assuming this gets posted, you have a bad filter. It appears to be a common failure. There was a discussion about this several months back but it appears to have been deleted. (the Subject Line included: Static Crash like noise.)
> >
> > Craigï¿½
> > ï¿½
> >
>

29863. Re: [FT897] Frequency Adjustment

Yahoo group: FT897 (2010)
Date: 2010-04-25 07:08:47 UTC
From: "Glenn (KØBO)"
Topic: 29860 Message: 29863

Hi Curt!
Don't fall into the trap where you try to get the freq to be very very accurate as it's like a dog chasing it's tail. You should be able to achieve better then published spec but unless your trying to win the ARRL award for freq accuracy, anything better is really a waste of time, once you think about it.

Being within 10hz (100 for VHF) good enough and anything more is dependent on temp, humidity and the cover being on or off as well as moon phase! Though my radio was withing specs, I spent allot of time to gain a little precision (from 5hz to less then 1hz) and really didn't make much difference in most all my ham radio activities.

Frequency alignment is a great way to understand the difference between precision and accuracy. I always had the accuracy, which is important for digital modes but I really gained nothing in having precision other then the piece of mind when making a CQ in PSK31 mode on 14071.12500Khz

73! Glenn K0BO

Curt Givens wrote:
> A quick question - How involved is it to adjust the frequency on the FT897D? I found while running the calibration scheme for Winmore that I am off . I used the Fldigi frequency module to determine the "offset" and if it doesn't involve dismantling the radio and a kilobuck or 2 of test equipment I would like to get it adjusted.
>
> Tnx in advance,
>
> de Curt KC8STE/AAR5VR OH
> 73
>

29864. Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 13:09:54 UTC
From: willgord
Topic: 29864 Message: 29864

Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.

In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.

I know that band conditions have been bad lately, but does this sound like a band issue, or something else? I have checked every connection--from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?

Gordon
K2GLW

29865. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 13:45:58 UTC
From: Jose V. Gavila
Topic: 29864 Message: 29865

Hi Gordon,

>Have been using my 897D with great success for more than a year,
>even though I must use a screwdriver antenna inside my New York City
>apartment, with a counterpoise hanging out the window.
>
>In the past couple of weeks, noise on the band has become so loud
>that I am no longer able to make contacts with other stations. The
>noise sounds like static--very loud crackling sounds: so loud I have
>trouble hearing the other station.
>
>I know that band conditions have been bad lately, but does this
>sound like a band issue, or something else? I have checked every
>connection--from the antenna, from the power supply--and they are
>fine. If this sounds like a problem with the radio or the antenna,
>any thoughts on how I might rectify it?
>
>Gordon
>K2GLW

There seems to be a trend on faulty 455kHz ceramic filters.

Yesterday, on a 897, I found a very low impedance input in one of them (220 Ohm compared to 2k nominal). This in turn generated that the switching diode which selects that filter (which was the 6kHz AM one) was always polarized, so the bandwidth, even in SSB, was 6kHz. One curious effect is that rig received in DSB instead of SSB. It is easy to check, as a fixed carrier is heard twice, both up and down the CW frequency, as you move the dial.

Best regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

29866. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 16:26:55 UTC
From: tailfeathers
Topic: 29864 Message: 29866

Sounds like summer to me...Lightning within 1000 miles will raise your noise level by several db...You may have other issues with your antennas location as well...I can't imagine the number of noise sources where you are located...I can't give you advise on what antenna to use in that instance but a horizontal wire antenna may help but then limit you to one band...Uh?...move to the top floor so you can use the roof...I heard a guy last week using a horizontal double hamstick antenna and was very loud... Go to www.hamstick.com and use part #901 with two hamsticks...

Gary
n8gsj

On 4/25/2010 7:09 AM, willgord wrote:
> Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.
>
> In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.
>
> I know that band conditions have been bad lately, but does this sound like a band issue, or something else? I have checked every connection--from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?
>
> Gordon
> K2GLW
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[Non-text portions of this message have been removed]

29867. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 16:55:07 UTC
From: Tim lyons
Topic: 29864 Message: 29867

Just for the heck of it, try moving the antenna. Or check newrnwhere the antenna is. Did the wife get a new light, or electrical appliance?

Just a thought.
Best 73
NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Apr 25, 2010, at 9:26, tailfeathers <tailfeathers@...> wrote:

Sounds like summer to me...Lightning within 1000 miles will raise your noise level by several db...You may have other issues with your antennas location as well...I can't imagine the number of noise sources where you are located...I can't give you advise on what antenna to use in that instance but a horizontal wire antenna may help but then limit you to one band...Uh?...move to the top floor so you can use the roof...I heard a guy last week using a horizontal double hamstick antenna and was very loud... Go to www.hamstick.com and use part #901 with two hamsticks...

Gary
n8gsj

On 4/25/2010 7:09 AM, willgord wrote:
> Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.
>
> In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.
>
> I know that band conditions have been bad lately, but does this sound like a band issue, or something else? I have checked every connection--from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?
>
> Gordon
> K2GLW
>
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[Non-text portions of this message have been removed]

29868. RE: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 18:05:10 UTC
From: Joseph Richard
Topic: 29864 Message: 29868

This appears to be a common issue with the FT-897D after 1-year of operation. It happened to me as well as others on the group. When the noise appears, disconnect the antenna and you will still hear the noise. It will sound like static crashes and it will be on all bands.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Tim lyons
Sent: Sunday, April 25, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Appreciate your thoughts on my problem

Just for the heck of it, try moving the antenna. Or check newrnwhere the antenna is. Did the wife get a new light, or electrical appliance?

Just a thought.
Best 73
NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Apr 25, 2010, at 9:26, tailfeathers <tailfeathers@...> wrote:

Sounds like summer to me...Lightning within 1000 miles will raise your noise level by several db...You may have other issues with your antennas location as well...I can't imagine the number of noise sources where you are located...I can't give you advise on what antenna to use in that instance but a horizontal wire antenna may help but then limit you to one band...Uh?...move to the top floor so you can use the roof...I heard a guy last week using a horizontal double hamstick antenna and was very loud... Go to www.hamstick.com and use part #901 with two hamsticks...

Gary
n8gsj

On 4/25/2010 7:09 AM, willgord wrote:
> Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.
>
> In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.
>

> I know that band conditions have been bad lately, but does this sound like
a band issue, or something else? I have checked every connection--from the
antenna, from the power supply--and they are fine. If this sounds like a
problem with the radio or the antenna, any thoughts on how I might rectify
it?
>
> Gordon
> K2GLW
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

29869. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 21:48:41 UTC
From: JAMES AMBURN
Topic: 29864 Message: 29869

I have had my FT-897 for about five years and have not had any of the problems you are talking about. I do have a G5RV lite in the attic due to covenants and a full size G5RV at the cabin and again never had the problem in question. I am interested in the solution should you find one.

73's Jim N0TUI

----- Original Message -----
From: Tim lyons<mailto:nh2bv@yahoo.com>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, April 25, 2010 10:55 AM
Subject: Re: [FT897] Appreciate your thoughts on my problem

Just for the heck of it, try moving the antenna. Or check newrnwhere the antenna is. Did the wife get a new light, or electrical appliance?

Just a thought.
Best 73
NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Apr 25, 2010, at 9:26, tailfeathers <tailfeathers@...<mailto:tailfeathers%40juno.com>> wrote:

Sounds like summer to me...Lightning within 1000 miles will raise your noise level by several db...You may have other issues with your antennas location as well...I can't imagine the number of noise sources where you are located...I can't give you advise on what antenna to use in that instance but a horizontal wire antenna may help but then limit you to one band...Uh?...move to the top floor so you can use the roof...I heard a guy last week using a horizontal double hamstick antenna and was very loud... Go to www.hamstick.com and use part #901 with two hamsticks...

Gary
n8gsj

On 4/25/2010 7:09 AM, willgord wrote:
> Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.
>
> In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.
>
> I know that band conditions have been bad lately, but does this sound like a band issue,

or something else? I have checked every connection--from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?
>
> Gordon
> K2GLW
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29870. Re: Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-25 23:48:42 UTC
From: stykemup
Topic: 29864 Message: 29870

--- In FT897@yahoogroups.com, "Joseph Richard" <jrichard333@...> wrote:
>
> This appears to be a common issue with the FT-897D after 1-year of
> operation. It happened to me as well as others on the group. When the
> noise appears, disconnect the antenna and you will still hear the noise. It
> will sound like static crashes and it will be on all bands.

This posting pertains to the static possibly generated in a 1 year plus FT-897. I have hed 2 of these rigs and both were more than a year old.
The one I currently use is a year and a half old and it works very well.
I have the standard noise, but it's the same on my FT1KD and my Drake receiver(s).
My question is Joe; what did you have done to your rig to correct the problem? A solution, if any, certainly would benefit anyone with this type of issue.
73's
Bill, k3waw

29871. S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-26 15:15:57 UTC
From: aa7fv
Topic: 29871 Message: 29871

From posts here and elsewhere, the AM filter in the FT897 and FT857D frequently goes bad after a year or two, especially in rigs made from 2007 to 2009. This produces intermittent lightning-like S9++ static crashes in the receiver, with or without antenna attached, and on all bands. The AM ceramic filter is a CF1005, a Toko ALFYM455H=K. Although worst on AM, the S9 crashes may couple into the filters used on other modes too. If the filter fails badly, it might also affect the proper switching to other filters.

There seems to be a Yaesu design error in the FT857/897 main board. The data sheet from Toko clearly states that this ceramic filter should be AC coupled, using DC blocking capacitors. There are no such capacitors in the Yaesu schematic. The full DC diode switching voltage is applied to both the input and the output of this filter.

If DC is applied to CF1005, against the filter manufacturer's recommendations, then occasional failures might not be surprising. I could well believe that some batches of filters may be more immune to failure from unwanted DC than others, so this failure mode might not occur in all rigs.

I had this problem in my own FT857D, purchased new in April 2008, after 23 months of operation. I have now added SMD capacitors (0.01 microF) in series with the input and output pins of CF1005. This blocks the DC voltage otherwise reaching the filter. This appears to have cured the problem, which is consistent it being a design error in the original circuit. I may have made the fix just in time, before the filter became permanently damaged.

This modification is not for the faint-hearted, or for those not experienced in SMD work. I was fortunate to have a skilled engineer friend (WA3HRM) perform the work for me, all under the microscope. I understand that the Vertex service center typically charges 1 hour of labor to replace this ceramic filter; considering what's involved, if that's true I'd rate it a bargain.

Good luck,
73, Darrel, aa7fv.

29872. Re: [FT897] S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-26 20:13:45 UTC
From: Phil
Topic: 29871 Message: 29872

Darrel,

Thanks for the great explanation. I too had this problem and sent my FT897D back to Vertex for service. They seemed well aware of the problem. They did repair it at reasonable cost. The FT-897D is a great little radio and I am glad it is back and working again.

73,
Phil - K3FOD
On Mon, Apr 26, 2010 at 11:15 AM, aa7fv <aa7fv@...> wrote:

>
>
> From posts here and elsewhere, the AM filter in the FT897 and FT857D
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> Yaesu schematic. The full DC diode switching voltage is applied to both the
> input and the output of this filter.
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> unwanted DC than others, so this failure mode might not occur in all rigs.
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> I had this problem in my own FT857D, purchased new in April 2008, after 23
> months of operation. I have now added SMD capacitors (0.01 microF) in series
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> This modification is not for the faint-hearted, or for those not
> experienced in SMD work. I was fortunate to have a skilled engineer friend
> (WA3HRM) perform the work for me, all under the microscope. I understand
> that the Vertex service center typically charges 1 hour of labor to replace
> this ceramic filter; considering what's involved, if that's true I'd rate it
> a bargain.
>

> Good luck,
> 73, Darrel, aa7fv.
>
>
>

[Non-text portions of this message have been removed]

29873. RE: [FT897] S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-26 20:22:30 UTC
From: Joseph Richard
Topic: 29871 Message: 29873

Yes, but this seems to be an apparent design flaw, which no matter how reasonably priced regarding repair, it is still an expense which should not be incurred. Yaesu/ Vertex or Yaesu/ Motorola should do a recall or not charge the customer for an apparent design flaw. This is the reason we pay such a premium for new age fancy digitally gizmo design radios.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Phil
Sent: Monday, April 26, 2010 3:14 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] S9 static crashes with no antenna attached - fix

Darrel,

Thanks for the great explanation. I too had this problem and sent my FT897D back to Vertex for service. They seemed well aware of the problem. They did repair it at reasonable cost. The FT-897D is a great little radio and I am glad it is back and working again.

73,
Phil - K3FOD
On Mon, Apr 26, 2010 at 11:15 AM, aa7fv <aa7fv@...> wrote:

>
>
> From posts here and elsewhere, the AM filter in the FT897 and FT857D
> frequently goes bad after a year or two, especially in rigs made from
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> This modification is not for the faint-hearted, or for those not
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> understand that the Vertex service center typically charges 1 hour of
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> that's true I'd rate it a bargain.
>
> Good luck,
> 73, Darrel, aa7fv.
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29874. Re: [FT897] S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-26 21:52:32 UTC
From: Phil
Topic: 29871 Message: 29874

JR

I agree..... I purchased my FT897D used via on-line classified Ham radio web site. I noticed the noise problem 2 weeks after I had the unit (it was intermittent at times). I admit I got burned on this deal since I had to get the unit repaired. The original owner claimed it worked fine for him and he said he a technician check it out before he sold it which I thought was a strange statement. I could have purchased a new FT897D for what I paid for the radio plus the repair cost. So in my case I have more of an issue with a fellow ham selling a defective radio for at a working radio price.

73,
Phil -K3FOD

On Mon, Apr 26, 2010 at 4:22 PM, Joseph Richard <jrichard333@...>wrote:

>
>
> Yes, but this seems to be an apparent design flaw, which no matter how
> reasonably priced regarding repair, it is still an expense which should not
> be incurred. Yaesu/ Vertex or Yaesu/ Motorola should do a recall or not
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> such a premium for new age fancy digitally gizmo design radios.
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> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of Phil
> Sent: Monday, April 26, 2010 3:14 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] S9 static crashes with no antenna attached - fix
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> 73,
> Phil - K3FOD
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> wrote:
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> >

> >
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> > Good luck,
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

29875. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-27 00:18:37 UTC
From: Curt Givens
Topic: 29864 Message: 29875

Gordon, I had a lot of noise show up a few weeks ago and affter a lot of cussin' and head scratching I discovered that the power supply on the Linux box that sits under the table about 2 feet from the radio had suddenly developed a serious noise source problem, righ now it's shut down and unplugged until I have the time to dig into it. If you haven't you might try unplugging things to see if the problem goes away.

Did one of your neighbors get a plasma big screen by any chance?

de Curt KC8STE/AAR5VR OH 73

--- On Sun, 4/25/10, willgord <willgord@...> wrote:

From: willgord <willgord@...>
Subject: [FT897] Appreciate your thoughts on my problem
To: FT897@yahoogroups.com
Date: Sunday, April 25, 2010, 9:09 AM

Have been using my 897D with great success for more than a year, even though I must use a screwdriver antenna inside my New York City apartment, with a counterpoise hanging out the window.

In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.

I know that band conditions have been bad lately, but does this sound like a band issue, or something else? I have checked every connection-- from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?

Gordon

K2GLW

[Non-text portions of this message have been removed]

29876. RE: [FT897] S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-27 02:09:34 UTC
From: Joseph Richard
Topic: 29871 Message: 29876

Hello Phil;

I would not say you got burned.

My problem was intermittent. It was there for about an hour and would disappear for a couple of days. It appeared to trend with the weather until I disconnected the antenna. Then after a while, it just stayed there. It cost about $175.00 dollars, return shipping included, for them to repair the transceiver; approximately 1/5th of the cost of a new one. This is a listing of the parts which were replaced:
H3900542 (2) ceramic filter
H3900543 (1) ceramic filter
H3900386 (1) ceramic filter
G2070716 (1) diode
G2070592 (3) diode
G3070249 Transistor

I usually run vintage gear and I would have never noticed this problem had I not started using the 897D regularly. Perhaps the same could be said for the guy who sold the transceiver to you. I think in the interest of fairness, he could have offered to pay half of the repair bill. Just good business sense, but so many are just after a quick buck. When you really sit down and look at it, how long will the money last?

Take care and I am glad to hear your transceiver was repaired.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Phil
Sent: Monday, April 26, 2010 4:53 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] S9 static crashes with no antenna attached - fix

JR

I agree..... I purchased my FT897D used via on-line classified Ham radio web site. I noticed the noise problem 2 weeks after I had the unit (it was intermittent at times). I admit I got burned on this deal since I had to get the unit repaired. The original owner claimed it worked fine for him and he said he a technician check it out before he sold it which I thought was a strange statement. I could have purchased a new FT897D for what I paid for the radio plus the repair cost. So in my case I have more of an issue with a fellow ham selling a defective radio for at a working radio price.

73,
Phil -K3FOD

On Mon, Apr 26, 2010 at 4:22 PM, Joseph Richard
<jrichard333@...>wrote:

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> Yes, but this seems to be an apparent design flaw, which no matter how
> reasonably priced regarding repair, it is still an expense which
> should not be incurred. Yaesu/ Vertex or Yaesu/ Motorola should do a
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> JR-N5JNX
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of Phil
> Sent: Monday, April 26, 2010 3:14 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] S9 static crashes with no antenna attached - fix
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> Darrel,
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> FT897D back to Vertex for service. They seemed well aware of the
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> 73,
> Phil - K3FOD
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> <aa7fv@...<aa7fv%40amsat.org>>
> wrote:
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

29877. Re: [FT897] Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-27 02:55:38 UTC
From: Tim lyons
Topic: 29864 Message: 29877

Bingo!

My thoughts exactly.
NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Apr 26, 2010, at 17:18, Curt Givens <giveadurn@...> wrote:

Gordon, I had a lot of noise show up a few weeks ago and affter a lot of cussin' and head scratching I discovered that the power supply on the Linux box that sits under the table about 2 feet from the radio had suddenly developed a serious noise source problem, righ now it's shut down and unplugged until I have the time to dig into it. If you haven't you might try unplugging things to see if the problem goes away.

Did one of your neighbors get a plasma big screen by any chance?

de Curt KC8STE/AAR5VR OH 73

--- On Sun, 4/25/10, willgord <willgord@...> wrote:

From: willgord <willgord@...>
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To: FT897@yahoogroups.com
Date: Sunday, April 25, 2010, 9:09 AM

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In the past couple of weeks, noise on the band has become so loud that I am no longer able to make contacts with other stations. The noise sounds like static--very loud crackling sounds: so loud I have trouble hearing the other station.

I know that band conditions have been bad lately, but does this sound like a band issue, or something else? I have checked every connection-- from the antenna, from the power supply--and they are fine. If this sounds like a problem with the radio or the antenna, any thoughts on how I might rectify it?

Gordon

K2GLW

[Non-text portions of this message have been removed]

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29878. Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-26 14:32:46 UTC
From: Rich H K7RFH
Topic: 29878 Message: 29878

Looks like I am having an odd problem. Wonder if anyone else is seeing it as well.

Setup:
RT System USB cable plugged into CAT connection but not connected to the USB port on the computer.

Problem:
Turn on FT-897D and audio sounds distorted. When transmitting, PL tone is not generated for repeaters.

Fix:
Either remove RT System UsB cable from CAT port OR
plug cable into computer USB port, then all works fine

Conclusion:
The RT System USB cable is erroneously pulling down the FT-897D power level some how, if that is even possible.

Actions:
Contacted RT Systems and received additional question, but no response pass that. Not impressed with RT Systems customer support.

Switched back to serial cable and older software, this does not cause the problem.

Anyone have any advice?

29879. Re: Appreciate your thoughts on my problem

Yahoo group: FT897 (2010)
Date: 2010-04-26 17:49:01 UTC
From: Toothpickboy
Topic: 29864 Message: 29879

This just happened to me the other day. After having the radio and using it for about a year on and off the problem appeared one evening after a normal power up. This is a 2008 model radio which has never had an issue other than this newly discovered one.

Brian

29880. Re: [FT897] Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 03:00:59 UTC
From: Bernie Hildebrand
Topic: 29878 Message: 29880

Once I have loaded any info from my computer to the 897 I unplug the cable from the radio. Unless I'm mistaken, I believe that they say something concerning that their cable is only made for their software. Thay also say that any other USB cable most likely won't work on their software. I have had real good response from their tech dept. with software problems.

Bernie
KD8NBC

--- On Mon, 4/26/10, Rich H K7RFH <k7rfh@...> wrote:

From: Rich H K7RFH <k7rfh@...>
Subject: [FT897] Rt Systems USB cable issue
To: FT897@yahoogroups.com
Date: Monday, April 26, 2010, 10:32 AM

Looks like I am having an odd problem. Wonder if anyone else is seeing it as well.

Setup:
RT System USB cable plugged into CAT connection but not connected to the USB port on the computer.

Problem:
Turn on FT-897D and audio sounds distorted. When transmitting, PL tone is not generated for repeaters.

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Anyone have any advice?

[Non-text portions of this message have been removed]

29881. RE: [FT897] Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 04:24:17 UTC
From: eric@van-de-weyer.org
Topic: 29878 Message: 29881

Hi Rich,

most likely it is pilling down the CAT lines due to the fact thet it isn't
being powered when it is not plugged into a USB port. The solution is simple,
don't connect it to the radio unless it is connected to the USB port of a
computer.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "Rich H K7RFH" <k7rfh@...>
>Date: Mon, 26 Apr 2010 14:32:46 -0000
>Subject: [FT897] Rt Systems USB cable issue
>Reply-To: FT897@yahoogroups.com
>
>
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>Yahoo! Groups Links
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29882. Re: [FT897] Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 12:01:23 UTC
From: Alan E. Lutz
Topic: 29878 Message: 29882

I am sucessfully using the RT Sytems USB cable with Ham Radio Deluxe with the FT-897D.

73 de Alan

AE1NH

----- Original Message -----
From: "Bernie Hildebrand" <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Tuesday, April 27, 2010 11:00:59 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] Rt Systems USB cable issue

Once I have loaded any info from my computer to the 897 I unplug the cable from the radio. Unless I'm mistaken, I believe that they say something concerning that their cable is only made for their software. Thay also say that any other USB cable most likely won't work on their software. I have had real good response from their tech dept. with software problems.

Bernie
KD8NBC

--- On Mon, 4/26/10, Rich H K7RFH < k7rfh@... > wrote:

From: Rich H K7RFH < k7rfh@... >
Subject: [FT897] Rt Systems USB cable issue
To: FT897@yahoogroups.com
Date: Monday, April 26, 2010, 10:32 AM

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[Non-text portions of this message have been removed]

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29883. Re: [FT897] Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 12:37:05 UTC
From: Dan Schaaf
Topic: 29878 Message: 29883

Alan

Is this cable for CAT control only or other functions?

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

29884. MFJ-929 Auto Tuner-SignalLink USB- FT-897D

Yahoo group: FT897 (2010)
Date: 2010-04-28 15:10:48 UTC
From: Noel Zeibari
Topic: 29884 Message: 29884

I have been using the FT-897 and signallink for over a year now.

I am acquiring an MFJ-929 auto tuner. Is there a Y splitter to combine the Tuner and the Signallink

data cables to the radio jack, or any other solutions?

Noel (OM) N3NZ

[Non-text portions of this message have been removed]

29885. Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 17:51:26 UTC
From: kd6ftr
Topic: 29878 Message: 29885

Hi Rich.

I have two USB cables from RT Systems; one for my son's VX8R and one for my VX5R. I like NEITHER of them. I found another company that makes USB to almost any radio interface. The company is called Kawamall and their web site is http://www.kawamall.com. When I first got the USB to CAT cable I had a couple of questions regarding its use with Macs. Approximately 10-15 minutes after I sent my email request to them I received a response. I've had nothing but favorable experiences both with the cable and with their support.

Also, the cable I bought from them is always connected to the CAT port on my LDG Tuner, which is always connected to the radio, whether or not I have the USB cable plugged in to a computer. Never had an issue. It could be the USB-serial converter chip that RT Systems is using that is causing the problem.

73...Mike/KD6FTR

--- In FT897@yahoogroups.com, "Rich H K7RFH" <k7rfh@...> wrote:
>
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>
> Actions:
> Contacted RT Systems and received additional question, but no response pass that. Not impressed with RT Systems customer support.
>
> Switched back to serial cable and older software, this does not cause the problem.
>
> Anyone have any advice?
>

29886. Re: S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-04-28 18:07:00 UTC
From: aa7fv
Topic: 29871 Message: 29886

Hi Joe,
That's a very interesting list of parts that were replaced. There are 5 ceramic filters in the FT857/897 altogether, CF1001 through CF1005. I assume they used the two H3900542 filters to replace both CF1005 (the AM filter that so often goes bad) and CF1003 (a narrow-band FM filter). In that case, the only ceramic filter they did _not_ replace is CF1001, which is part of the wide-band (broadcast) FM circuit, and which doesn't have any diode switching voltage on it anyway. It's hard to believe that all of these replaced filters had gone bad together.

I wonder if the Vertex service center may have started, as a matter of course, replacing all these ceramic filters in rigs sent in for repair, perhaps as preventive maintenance.

73,
Darrel, aa7fv.

--- In FT897@yahoogroups.com, "Joseph Richard" <jrichard333@...> wrote [extracted by aa7fv]:
>
... ...
>
> My problem was intermittent. It was there for about an hour and would disappear for a couple of days. It appeared to trend with the weather until I disconnected the antenna. Then after a while, it just stayed there. It cost about $175.00 dollars, return shipping included, for them to repair the transceiver; approximately 1/5th of the cost of a new one. This is a
> listing of the parts which were replaced:
> H3900542 (2) ceramic filter
> H3900543 (1) ceramic filter
> H3900386 (1) ceramic filter
> G2070716 (1) diode
> G2070592 (3) diode
> G3070249 Transistor
>
> I usually run vintage gear and I would have never noticed this problem had I not started using the 897D regularly.
... ...

29887. Heil GM-5 users

Yahoo group: FT897 (2010)
Date: 2010-04-28 18:15:08 UTC
From: Sean
Topic: 29887 Message: 29887

Just curious,
For shack use, are you all using the foam windscreen, or leaving it off? Any performance difference?
Thank you!
73
W7TRD

29888. Re: [FT897] Heil GM-5 users

Yahoo group: FT897 (2010)
Date: 2010-04-28 18:55:44 UTC
From: Joe
Topic: 29887 Message: 29888

The foam windmuff is a dual purpose device...obviously, the only 'wind' in the shack is us! I consider the muff as a spit guard. Keeps the mic clean, is easily washable, and inexpensive to replace, if needed.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Sean" <kamaaina1@...>
Subject: [FT897] Heil GM-5 users

> Just curious,
> For shack use, are you all using the foam windscreen, or leaving it off?
> Any performance difference?

29889. Re: Heil GM-5 users

Yahoo group: FT897 (2010)
Date: 2010-04-28 19:25:12 UTC
From: Sean
Topic: 29887 Message: 29889

I forgot to add my name & call.

W7TRD Sean
73

--- In FT897@...m, Joe <WA6RKN@...> wrote:
>
> The foam windmuff is a dual purpose device...obviously, the only 'wind' in
> the shack is us! I consider the muff as a spit guard. Keeps the mic clean,
> is easily washable, and inexpensive to replace, if needed.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Sean" <kamaaina1@...>
> Subject: [FT897] Heil GM-5 users
>
>
> > Just curious,
> > For shack use, are you all using the foam windscreen, or leaving it off?
> > Any performance difference?
>

29890. Re: [FT897] Heil GM-5 users

Yahoo group: FT897 (2010)
Date: 2010-04-28 19:48:27 UTC
From: Bill Husted
Topic: 29887 Message: 29890

It cuts down on breathy sounds - which are fine in an x-rated movie I guess, but not so much when a person is talking about RV and cornbread.

When I did commercial radio, the studio mikes had them. I guess it's still true today but don't know. I'm not too sure it's needed for SSB quality audio, but don't know.

Bill KQ4YA
----- Original Message -----
From: Joe
To: FT897@yahoogroups.com
Sent: Wednesday, April 28, 2010 2:55 PM
Subject: Re: [FT897] Heil GM-5 users

The foam windmuff is a dual purpose device...obviously, the only 'wind' in
the shack is us! I consider the muff as a spit guard. Keeps the mic clean,
is easily washable, and inexpensive to replace, if needed.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Sean" <kamaaina1@...>
Subject: [FT897] Heil GM-5 users

> Just curious,
> For shack use, are you all using the foam windscreen, or leaving it off?
> Any performance difference?

[Non-text portions of this message have been removed]

29891. Re: [FT897] Heil GM-5 users

Yahoo group: FT897 (2010)
Date: 2010-04-28 19:56:49 UTC
From: Joe
Topic: 29887 Message: 29891

Ahhh...yes....popping the P's and hissing the s's! I remember that well from my days in broadcasting! (Then KGLR-FM in Reno, Nevada.) LOL!

Memories......

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Bill Husted" <bhusted@...>
Subject: Re: [FT897] Heil GM-5 users

> It cuts down on breathy sounds - which are fine in an x-rated movie I
> guess, but not so much when a person is talking about RV and cornbread.

29892. Re:FT-897 Auto Tuner-SignalLink USB-FT-897D

Yahoo group: FT897 (2010)
Date: 2010-04-28 20:54:49 UTC
From: Noel Zeibari
Topic: 29892 Message: 29892

Please, disregard my previous post. My pen was ahead of my dormant brains.

I have not received the tuner yet to read the hookup instructions.

I am sure will be back with other questions.

Noel (OM) N3NZ

[Non-text portions of this message have been removed]

29893. 897 RECEIVER NOISE MODS

Yahoo group: FT897 (2010)
Date: 2010-04-29 01:09:10 UTC
From: gary
Topic: 29893 Message: 29893

HAS ANY ONE COME UP WITH A MOD TO REDUCE RECEIVER NOISE... IE CHANGING DIODES

29894. Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 13:39:45 UTC
From: Rich H K7RFH
Topic: 29878 Message: 29894

Yes, I believe that is the case. If it gets power from the computer, all is fine. Seems to me there should be a way to wire the cable to avoid this situation.

My issue is that I created a "radio-in-a-box" and it is not a simple matter to plug-unplug that cable. I would also like to use the cable with HRD. I guess, if I don't get info from RT Systems I will need to reverse engineer a cable of my own.

Don't get me wrong. I currently own 4 different versions of the RT Systems software and found that their older version cable (serial) works well. Just think they are missing a great selling point. I have no problem with their software working only with their cable. But, they should allow their cable to work with other software and the cable should not interfere with normal operations.

If they did this, I bet more folks would buy rather than build.

IMHO

--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi Rich,
>
> most likely it is pilling down the CAT lines due to the fact thet it isn't
> being powered when it is not plugged into a USB port. The solution is simple,
> don't connect it to the radio unless it is connected to the USB port of a
> computer.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: "Rich H K7RFH" <k7rfh@...>
> >Date: Mon, 26 Apr 2010 14:32:46 -0000
> >Subject: [FT897] Rt Systems USB cable issue
> >Reply-To: FT897@yahoogroups.com
> > >
> > >
> > >Looks like I am having an odd problem. Wonder if anyone else is seeing it
> > >as well.
> > >
> > >Setup:
> > >RT System USB cable plugged into CAT connection but not connected to the
> > >USB port on the computer.
> > >
> > >Problem:
> > >Turn on FT-897D and audio sounds distorted. When transmitting, PL tone

> is
> >not generated for repeaters.
> >
> >Fix:
> >Either remove RT System UsB cable from CAT port OR
> >plug cable into computer USB port, then all works fine
> >
> >Conclusion:
> >The RT System USB cable is erroneously pulling down the FT-897D power level
> >some how, if that is even possible.
> >
> >Actions:
> >Contacted RT Systems and received additional question, but no response pass
> >that. Not impressed with RT Systems customer support.
> >
> >Switched back to serial cable and older software, this does not cause the
> >problem.
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> >Anyone have any advice?
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> >Yahoo! Groups Links
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29895. New FT-897

Yahoo group: FT897 (2010)
Date: 2010-04-28 10:44:25 UTC
From: jfcbuk
Topic: 4851 Message: 29895

Hi
This may have been covered before so forgive me if I am asking somthing that has already been on here.
I have just bought a FT- 897D for portable use with the FNB-78 (2x at £190- $280) batteries do these charge up while the rig is connected to a power supply.
I also bought the CD-24 charger at a cost of £80 -$121 and now find I need to buy a PSU-26U also costing £80- $121 to be able to use the charger, This semms to be a hell of a lot of money to charge the batteries considering the radio cost £625- $947.
Can the charger be used with my 13.8v power supply if so which connections do I use.
and finally can the batteries be left in the radio while it is being used with the power supply
I look forward to any replies
Thank you
Jim

29896. Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 20:55:57 UTC
From: Steve
Topic: 29878 Message: 29896

Ran into a similar problem, found that the interface is "software specific" and would work with the RT software and NOT WITH HRD.

Ditched the proprietary interface and software and purchased one of the HK USB interfaces that use the high end Prolific chip and have had no problems with the cable whether it's plugged in or not.

Used it on almost every software that you can download and it works.
Interesting USB cable it has plug in sections I use the same USB modual and now have "tails" for 897,817 VX families and even a Kenwood, they have almost the whole "Radio World" coverd, and its easy on the budget.
Have a look at 409shop.com for the multipurpose version.
Regards.
AB2ET/4

--- In FT897@yahoogroups.com, Bernie Hildebrand <pizzameister2001@...> wrote:
>
> Once I have loaded any info from my computer to the 897 I unplug the cable from the radio. Unless I'm mistaken, I believe that they say something concerning that their cable is only made for their software. Thay also say that any other USB cable most likely won't work on their software. I have had real good response from their tech dept. with software problems.
>
> Bernie
> KD8NBC
>
> --- On Mon, 4/26/10, Rich H K7RFH <k7rfh@...> wrote:
>
>
> From: Rich H K7RFH <k7rfh@...>
> Subject: [FT897] Rt Systems USB cable issue
> To: FT897@yahoogroups.com
> Date: Monday, April 26, 2010, 10:32 AM
>
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> Â
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>
> Looks like I am having an odd problem. Wonder if anyone else is seeing it as well.
>
> Setup:
> RT System USB cable plugged into CAT connection but not connected to the USB port on the computer.
>
> Problem:

> Turn on FT-897D and audio sounds distorted. When transmitting, PL tone is not generated for repeaters.
>
> Fix:
> Either remove RT System UsB cable from CAT port OR
> plug cable into computer USB port, then all works fine
>
> Conclusion:
> The RT System USB cable is erroneously pulling down the FT-897D power level some how, if that is even possible.
>
> Actions:
> Contacted RT Systems and received additional question, but no response pass that. Not impressed with RT Systems customer support.
>
> Switched back to serial cable and older software, this does not cause the problem.
>
> Anyone have any advice?
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> [Non-text portions of this message have been removed]
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29897. FT-897D -CD24

Yahoo group: FT897 (2010)
Date: 2010-04-28 11:49:30 UTC
From: jfcbuk
Topic: 29897 Message: 29897

Hi
I have just discovered that the power cable for the 897D fits into the conector on the CD-24 but I dont know which pin on the CD-24 is + or - I wonder if anyone has the answer.
regards
Jim

29898. RE: [FT897] Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-29 03:33:01 UTC
From: Christopher Patton
Topic: 29878 Message: 29898

I have the RT System software and cable for the 857 samesoftware and cable as the 897 I use my RT cable for HRD without any issues and leave it plugged in all the time .. never had any issues
Chris w3cum

From:FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Rich HK7RFH
Sent: Wednesday, April 28, 2010 9:40 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Rt Systems USB cable issue

Yes, I believe that is the case. If it getspower from the computer, all is fine. Seems to me there should be a way to wirethe cable to avoid this situation.

My issue is that I created a "radio-in-a-box" and it is not a simplematter to plug-unplug that cable. I would also like to use the cable with HRD.I guess, if I don't get info from RT Systems I will need to reverse engineer acable of my own.

Don't get me wrong. I currently own 4 different versions of the RT Systemssoftware and found that their older version cable (serial) works well. Justthink they are missing a great selling point. I have no problem with theirsoftware working only with their cable. But, they should allow their cable towork with other software and the cable should not interfere with normaloperations.

If they did this, I bet more folks would buy rather than build.

IMHO

--- In FT897@yahoogroups.com,eric@... wrote:
>
> Hi Rich,
>
> most likely it is pilling down the CAT lines due to the fact thet it isn't
> being powered when it is not plugged into a USB port. The solution issimple,
> don't connect it to the radio unless it is connected to the USB port of a
> computer.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: "Rich H K7RFH" <k7rfh@...>
> >Date: Mon, 26 Apr 2010 14:32:46 -0000
> >Subject: [FT897] Rt Systems USB cable issue
> >Reply-To: FT897@yahoogroups.com
> > >
> > >
> >Looks like I am having an odd problem. Wonder if anyone else is seeingit

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> >
> >Setup:
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> >Actions:
> >Contacted RT Systems and received additional question, but no responsepass
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> >Switched back to serial cable and older software, this does not causethe
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> >
> >Anyone have any advice?
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> >Yahoo! Groups Links
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[Non-text portions of this message have been removed]

29899. Re: [FT897] Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-29 12:02:42 UTC
From: Alan E. Lutz
Topic: 29878 Message: 29899

Read my email from yesterday . The cable DOES work with HRD . I am doing it successfully .

73 de Alan

AE1NH

----- Original Message -----
From: "Steve" <ab2et@...>
To: FT897@ yahoogroups .com
Sent: Wednesday, April 28, 2010 4:55:57 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] Re: Rt Systems USB cable issue

Ran into a similar problem, found that the interface is "software specific" and would work with the RT software and NOT WITH HRD .

Ditched the proprietary interface and software and purchased one of the HK USB interfaces that use the high end Prolific chip and have had no problems with the cable whether it's plugged in or not.

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Regards.
AB2ET/4

--- In FT897@ yahoogroups .com , Bernie Hildebrand <pizzameister2001@...> wrote:
>
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>
> Bernie
> KD8NBC
>
> --- On Mon, 4/26/10, Rich H K7RFH <k7rfh@...> wrote:
>
>
> From: Rich H K7RFH <k7rfh@...>
> Subject: [FT897] Rt Systems USB cable issue
> To: FT897@ yahoogroups .com
> Date: Monday, April 26, 2010, 10:32 AM
>

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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

29900. Re: [FT897] Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-29 13:28:42 UTC
From: Michael Walker
Topic: 29878 Message: 29900

There is something unusual here, as the CAT port should not affect the Audio path at all in the TX or RX world. RT Systems likely can't help you as they have possibly not seen this problem before, so you really can't blame them.

My simple guess is some sort of ground issue. Either the USB adapter is missing a ground, or not all grounds are the same.

Is RF getting into the audio path somehow?

Is there a ground voltage differential between the radio and the computer without the USB cable connected or disconnected?

Do you have Audio from the radio connected to the computer as well?

Do you have CAT control when the USB cable is connected (I would assume so).

Is the audio distorted if you transmit into a dummy load with the USB cable connected? (distorted audio will destroy a PL tone)

What other cable connections are in place at the same time (I assume power - how is it connected, Audio for Digital modes, PTT, Ground)

Can you turn the RF power down on the radio and do the same test?

Take some time to describe the entire setup.

Thousands use the 897 CAT control at the same time with no issue. We just have to find out what is different about yours.

Mike VA3MW

Rich H K7RFH wrote:
>
>
> Yes, I believe that is the case. If it gets power from the computer,
> all is fine. Seems to me there should be a way to wire the cable to
> avoid this situation.
>
> My issue is that I created a "radio-in-a-box" and it is not a simple
> matter to plug-unplug that cable. I would also like to use the cable
> with HRD. I guess, if I don't get info from RT Systems I will need to
> reverse engineer a cable of my own.
>
> Don't get me wrong. I currently own 4 different versions of the RT
> Systems software and found that their older version cable (serial)
> works well. Just think they are missing a great selling point. I have

> no problem with their software working only with their cable. But,
> they should allow their cable to work with other software and the
> cable should not interfere with normal operations.
>
> If they did this, I bet more folks would buy rather than build.
>
> IMHO
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> eric@... wrote:
> >
> > Hi Rich,
> >
> > most likely it is pilling down the CAT lines due to the fact thet it
> isn't
> > being powered when it is not plugged into a USB port. The solution
> is simple,
> > don't connect it to the radio unless it is connected to the USB port
> of a
> > computer.
> >
> > 73....Eric VK2VE.
> >
> >
> > >-- Original Message --
> > >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > >From: "Rich H K7RFH" <k7rfh@...>
> > >Date: Mon, 26 Apr 2010 14:32:46 -0000
> > >Subject: [FT897] Rt Systems USB cable issue
> > >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > >
> > >
> > >Looks like I am having an odd problem. Wonder if anyone else is
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> > >Setup:
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> > >Conclusion:
> > >The RT System USB cable is erroneously pulling down the FT-897D
> power level
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> > >Actions:
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> > >Anyone have any advice?
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[Non-text portions of this message have been removed]

29901. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2010)
Date: 2010-04-29 16:29:22 UTC
From: Hank
Topic: 25307 Message: 29901

Did this Web site ever come to be?

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Bruce Krell" <BKrell@...> wrote:
>
> To All:
>
> Within the next week, we will be announcing a web site devoted to this very
> idea --
> providing articles that will give useful operating information.
>
> This site will have a solicition and guidelines for submitting articles, a
> sample
> theoretical article and a sample practical step-by-step operational article.
>
> The sample articles will not only be useful but will be examples of what we
> would like to see.
>
> Stay tuned for the announcement.
>
> Bruce Krell, AE6VG
>

29902. RE: [FT897] Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2010)
Date: 2010-04-29 17:52:15 UTC
From: Bruce Krell
Topic: 25307 Message: 29902

Unfortunately, at this time, no.

We still own the URL.

One of these days, we will start this site.

But, for right now, no.

Thanks for asking.

Best Regards,

Bruce Krell

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
Sent: Thursday, April 29, 2010 9:29 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Noise levels of the 897 vs. the 450

Did this Web site ever come to be?

Hank / KB4MTO

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Bruce
Krell" <BKrell@...> wrote:
>
> To All:
>
> Within the next week, we will be announcing a web site devoted to this
very
> idea --
> providing articles that will give useful operating information.
>
> This site will have a solicition and guidelines for submitting articles, a
> sample
> theoretical article and a sample practical step-by-step operational
article.
>
> The sample articles will not only be useful but will be examples of what
we
> would like to see.
>
> Stay tuned for the announcement.
>
> Bruce Krell, AE6VG
>

[Non-text portions of this message have been removed]

29903. Re: New FT-897

Yahoo group: FT897 (2010)
Date: 2010-04-29 18:59:06 UTC
From: kav246
Topic: 4851 Message: 29903

--- In FT897@yahoogroups.com, "jfcbuk" <jfcbuk@...> wrote:
>
> Hi
> This may have been covered before so forgive me if I am asking somthing that has already been on here.
> I have just bought a FT- 897D for portable use with the FNB-78 (2x at £190- $280) batteries do these charge up while the rig is connected to a power supply.

A) No unfortunately they do not... at least not via the same connection. You can however connect the charger to them whilst running the rig from another source.

> I also bought the CD-24 charger at a cost of £80 -$121 and now find I need to buy a PSU-26U also costing £80- $121 to be able to use the charger, This semms to be a hell of a lot of money to charge the batteries considering the radio cost £625- $947.
> Can the charger be used with my 13.8v power supply if so which connections do I use.

A)The cheapest and easiest way is to buy or make another DC cable the same as the radio supply lead. If your PSU is up to it you can connect both cables to the supply then hook one to the radio power connector and the other to the mating white socket on the CD24. The coaxial socket on the CD-24 is for the moulded plug on the PA-26 though you could use that if it was easier for you.

> and finally can the batteries be left in the radio while it is being used with the power supply?

A)Yes they can! There is a jumper in the DC supply line which tells the radio that external power is connected and automatically isolates the internal cells.

By the way you were right, this has been asked many, many times before. If you scan the archives for FNB-78 or charging etc you will find much more about it than I know.

Kav

PS Dont you just love the UK price on these things? I got 3 Optima truck batteries for just a tenner a piece more. Mind you, they won't fit inside my 897 haha. Happy days!

29904. Notes on ATAS setup problems

Yahoo group: FT897 (2010)
Date: 2010-04-30 14:22:34 UTC
From: Edward Thorpe
Topic: 29904 Message: 29904

Hi gang. Sorry if this cross-posting gets you multiple copies of this but the content seemed relevant to all of these groups.

Over the past few weeks some of my ham friends have experienced frustration with their ATAS-100 and ATAS-120 antennas when used with FT-857 and FT-857D radios. We began a series of experiments using various FT-857's, Ft-897D and FT-100 radios to completely understand the similarities and differences. We have also noticed repeated questions about ATAS antennas in all of these groups. One of the group has documented our observations, one of the most important being the ambiguity in the Yaesu manuals. Here are the observations. We hope they may be of help.

Yaesu FT-857, FT-897 & ATAS-120/100 Operation Notes

If your ATAS Antenna used to work, but NOW for some reason it now does not, here are some ideas that I have been observed that I could not find in the manual .

Set your Control Head to read the TUNE - DOWN ? UP Display (Menu k on the FT-897)
Make sure your radio in an HF Band..NOT VHF or UHF
Press the TUNE button ?momentarily ? to make sure the word ATAS appears in Right Hand Side of Display
HOLD the TUNE button for more than a second and the ATAS-120 should start moving.
If it does not, you can press the mic PTT and press the DOWN or UP Button?If it does not operate you will have to momentarily press the TUNE button to make sure the ATAS word ? IS ? displayed.
Note that IF you are in the Allocated Amateur HF Frequencies the ATAS will be in Capitals. If the ATAS word is in LOWER CASE?. The Freq Dial is ?out of the allocated Amateur Frequency Band ?

If you momentarily press the TUNE button and you get the word INIT you should just WAIT for about 60 Seconds (sometimes a bit more) until the INIT disappears and the word ATAS appears. I suspect the CPU has been confused and has to re-initiate itself to operate the ATAS Antenna properly.

If you now follow the above steps, the ATAS Antenna should operate properly

This happened to me when I was testing a 2nd ATAS-120 Antenna. When I changed to the 2nd Antenna the ATAS operation did not work. The word INIT appeared, but I did not notice it. Things did not work even when I put the original (working) antenna back on!
After much head scratching and consultation with Ted VE3HPL, we

stumbled upon this operation quirk that I thought might be of interest to others.
When I first put the radio on the bench connected to a Termaline Wattmeter. I pressed any of the TUNE ? DOWN ? UP buttons, I got NO power output at all.
After noticing the INIT indication AND waiting for up to 60 seconds (or more) the INIT indication changed to ATAS. Then when I pressed TUNE the wattmeter pulsed up to about 10W and returned to zero. When I pressed the Mic PTT and DOWN or UP button the wattmeter indicated 10W.

During these evaluations, I happen to be working with the FT-857 with the DSP board ADDED and an FT-857D with DSP already installed. There are subtle differences in how the front control dials work! The FT-857D features are slightly more convienent but both radio function the same. VE3HPL's FT-897D controls are also slightly different.

Here is one additional observation that can leave you with a headache. Should you have the good fortune to mount your ATAS such that it will find a low SWR point and tune the first time you press and hold the TUNE button, you may find that things appear to work without having performed the initialization. This, however, is likely temporary. Also be aware that if you change the setup to TUNER or OFF then return later to use your ATAS you will need to perform the initialization again.

Hope this has been of some help.
73?Norm VE3CZI

73 all

Ted Thorpe, VE3HPL

[Non-text portions of this message have been removed]

29905. mars

Yahoo group: FT897 (2010)
Date: 2010-04-29 16:57:45 UTC
From: david guillory
Topic: 29905 Message: 29905

does anybody know the mods for mars on the ft 897d.

[Non-text portions of this message have been removed]

29906. Re: Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-30 02:09:03 UTC
From: Rich H K7RFH
Topic: 29878 Message: 29906

Mike-

I agree there is something unusual going on here. Hopefully, I can address your questions.

The situation occurs whenever I attach the RT Systems USB CAT cable to the FT-897D and it is not connected to anything else at the other end of this cable.

All grounds in the "shack" are confirmed correct.

It does not appear that RF is getting into any audio path, since the distortion problem occurs without any transmissions.

There are no audio cables connected.
The computer is not connected when the problem occurs.

The radio is attached to power.
The audio distortion occurs with any sounds generated through the radio's speaker (e.g. beeps)

Yes, CAT control works correctly for all apps when computer is connected.

Substituting a non-USB (aka serial) cable for the RT Systems USB cable fixes the problem.

So, it would appear that the only difference between mine and the thousands of others is this particular USB cable.

Thanks to all for your advice, comments and experiences. To my satisfaction, I believe the RT Systems USB cable has a "fault" that is causing the problem.

--- In FT897@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> There is something unusual here, as the CAT port should not affect the
> Audio path at all in the TX or RX world. RT Systems likely can't help
> you as they have possibly not seen this problem before, so you really
> can't blame them.
>
> My simple guess is some sort of ground issue. Either the USB adapter is
> missing a ground, or not all grounds are the same.
>
> Is RF getting into the audio path somehow?
>
> Is there a ground voltage differential between the radio and the
> computer without the USB cable connected or disconnected?
>
> Do you have Audio from the radio connected to the computer as well?
>
> Do you have CAT control when the USB cable is connected (I would assume
> so).

>
> Is the audio distorted if you transmit into a dummy load with the USB
> cable connected? (distorted audio will destroy a PL tone)
>
> What other cable connections are in place at the same time (I assume
> power - how is it connected, Audio for Digital modes, PTT, Ground)
>
> Can you turn the RF power down on the radio and do the same test?
>
> Take some time to describe the entire setup.
>
> Thousands use the 897 CAT control at the same time with no issue. We
> just have to find out what is different about yours.
>
> Mike VA3MW
>
>
>
[snipped extra content from here down]

29907. new 897d

Yahoo group: FT897 (2010)
Date: 2010-04-29 21:17:35 UTC
From: mike
Topic: 29907 Message: 29907

i see all the post regarding the high noise level and the suggested repair for the 897d...are the newer models suffering the same problems?

29908. Re: [FT897] New FT-897

Yahoo group: FT897 (2010)
Date: 2010-04-29 16:55:06 UTC
From: David Bond
Topic: 4851 Message: 29908

Jim,

Your FNB-78 Batteries do not charge when you connect the FT897 to 13.8V DC.
You don't need the PA-26U if you have a 13.8V power supply. The PA-26U
allows you to charge your batteries household AC without a 13.8V power
supply. Not that usefull to me.
You can charge you batteries with the CD-24 from any 12 - 14 V source.
At home I use my Alinco switching power supply. Away from the shack I
use a solar cell. I'm not in front of the rig but from memory the
CD-24 has a Molex commector on the unit and a cable is included. The
cable was not terminated on one end and I put on Anderson PowerPoles
to connect to the shacks DC power supply.
Yes you can leave the batteries installed when operating with your
13.8V power. To install the batteries you have to take screws out of
the bottom cover. I feel they intended you to leave the batteries
installed all the time.

It's not cheep but I think it is a clean well thought out portable
battery powered rig.

David
KA6UPU

29909. Re: [FT897] 897 RECEIVER NOISE MODS

Yahoo group: FT897 (2010)
Date: 2010-04-29 05:06:45 UTC
From: Alex Schwarz
Topic: 29893 Message: 29909

Hi Gary;

Check http://users.skynet.be/myspace/mdsr and click on the DADP link. This is the best noise reduction and clean demodulator you can get for your rig.

Thanks;

Alex
VE7DXW

From: gary <n6biz@...>
To: FT897@yahoogroups.com
Sent: Wed, April 28, 2010 6:09:10 PM
Subject: [FT897] 897 RECEIVER NOISE MODS

HAS ANY ONE COME UP WITH A MOD TO REDUCE RECEIVER NOISE... IE CHANGING DIODES

[Non-text portions of this message have been removed]

29910. Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-04-30 15:43:50 UTC
From: Sean
Topic: 29910 Message: 29910

Heil GM-5 and mic gain on the 897
What settings are you all using with this combination?
Sean W7TRD
73

29911. mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-04-30 21:45:34 UTC
From: rockhard13foxtrot
Topic: 29911 Message: 29911

does anyone know the correct size for the mounting screw all the yaesu radios use to attach to the mounting bracket. its about 1/8 inch with the odd 36 thread count. anyone know where to buy they screws ?

thank you
greg
k8gjp

29912. mars mods

Yahoo group: FT897 (2010)
Date: 2010-04-30 15:48:34 UTC
From: kc5vmq
Topic: 29912 Message: 29912

does anybody know the mars mods for the ft.897d?

29913. Re: [FT897] mars mods

Yahoo group: FT897 (2010)
Date: 2010-05-01 06:41:47 UTC
From: Finnigann
Topic: 29912 Message: 29913

On Fri, 30 Apr 2010 11:48:34 -0400, kc5vmq <kc5vmq@...> wrote:

>
> does anybody know the mars mods for the ft.897d?

Letting Google work: http://tinyurl.com/2arj9bz

I find these two interesting.

http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Yaesu_FT-897/

http://www.kb2ljj.com/data/yaesu/ft-897.htm
>

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29914. Re: Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-05-01 09:58:30 UTC
From: nr3r15
Topic: 29910 Message: 29914

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Heil GM-5 and mic gain on the 897
> What settings are you all using with this combination?
> Sean W7TRD

I used to put my gain up to 85. I wondered the same thing so I emailed Bob Heil and they told me that the default settings are fine, so I put it back to 50. Workd fine, there was no difference between 85 and 50 from the reports I got.

Larry / nr3r

29915. RE: [FT897] mars mods

Yahoo group: FT897 (2010)
Date: 2010-05-01 10:50:56 UTC
From: Dennis
Topic: 29912 Message: 29915

Best place - www.mods.dk <http://www.mods.dk/>

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Saturday, May 01, 2010 1:42 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] mars mods

On Fri, 30 Apr 2010 11:48:34 -0400, kc5vmq <kc5vmq@yahoo. <mailto:kc5vmq%40yahoo.com> com> wrote:

>
> does anybody know the mars mods for the ft.897d?

Letting Google work: http://tinyurl. <http://tinyurl.com/2arj9bz> com/2arj9bz

I find these two interesting.

http://www.dxzone. <http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Yaesu_FT-897/> com/catalog/Radio_Equipment/HF_Transceivers/Yaesu_FT-897/

http://www.kb2ljj. <http://www.kb2ljj.com/data/yaesu/ft-897.htm> com/data/yaesu/ft-897.htm
>

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl. <HTTP://www.tinyurl.com/bcarc12> com/bcarc12

http://my.opera. <http://my.opera.com/Finnigann/blog> com/Finnigann/blog

http://community. <http://community.webshots.com/user/finnigann> webshots.com/user/finnigann

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29916. Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-01 15:33:50 UTC
From: Tim Seeley
Topic: 29911 Message: 29916

They are M4x6 screws. I found some with hex/finger heads (kinda knerled on the end) so you can tighten them by hand a Lowes in the hardware drawers.

Tim
kc0ujm

[Non-text portions of this message have been removed]

29917. Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-01 15:45:05 UTC
From: rockhard13foxtrot
Topic: 29911 Message: 29917

thanks Tim!

73
greg
k8gjp

--- In FT897@yahoogroups.com, "Tim Seeley" <daroutergod@...> wrote:
>
> They are M4x6 screws. I found some with hex/finger heads (kinda knerled on the end) so you can tighten them by hand a Lowes in the hardware drawers.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>

29918. Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-01 17:59:27 UTC
From: rockhard13foxtrot
Topic: 29911 Message: 29918

i found the screws at lowes. they didn't have any m4x6 but they did have m4x7. the m4x7 does work fine (possible typo :)) on the package M4-.70 X 10. M4= size .70 MM 10= length 10 MM. i had to buy a chart to figure that out hihi.

73
greg
k8gjp

--- In FT897@yahoogroups.com, "Tim Seeley" <daroutergod@...> wrote:
>
> They are M4x6 screws. I found some with hex/finger heads (kinda knerled on the end) so you can tighten them by hand a Lowes in the hardware drawers.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>

29919. Re: [FT897] Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-01 19:55:50 UTC
From: DALE
Topic: 29911 Message: 29919

----- Original Message -----
From: "rockhard13foxtrot" <gregparker69@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 1, 2010 10:59:27 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re:mounting screw size/ purchase?

i found the screws at lowes. they didn't have any m4x6 but they did have m4x7. the m4x7 does work fine (possible typo :)) on the package M4-.70 X 10. M4= size .70 MM 10= length 10 MM. i had to buy a chart to figure that out hihi.

The length is critical. If to long they can short out the circuit board and electronics.

There is normally a warning on this. My last radio had a warning sticker on the side of the radio.

I cut mine off with my Dremel grinder to fit .

Dale

[Non-text portions of this message have been removed]

29920. Re: [FT897] mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-01 12:12:07 UTC
From: robert duerr
Topic: 29911 Message: 29920

they are metric 4 mm. fine thread, most cb shops will have them they are hex head home depot carries them with round head as well
ve6-oxt

--- On Fri, 4/30/10, rockhard13foxtrot <gregparker69@...> wrote:

From: rockhard13foxtrot <gregparker69@...>
Subject: [FT897] mounting screw size/ purchase?
To: FT897@yahoogroups.com
Received: Friday, April 30, 2010, 5:45 PM

does anyone know the correct size for the mounting screw all the yaesu radios use to attach to the mounting bracket. its about 1/8 inch with the odd 36 thread count. anyone know where to buy they screws ?

thank you

greg

k8gjp

[Non-text portions of this message have been removed]

29921. Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-02 09:31:29 UTC
From: g8hul
Topic: 29911 Message: 29921

--- In FT897@yahoogroups.com, "rockhard13foxtrot" <gregparker69@...> wrote:
>
> i found the screws at lowes. they didn't have any m4x6 but they did have m4x7. the m4x7 does work fine (possible typo :)) on the package M4-.70 X 10. M4= size .70 MM 10= length 10 MM. i had to buy a chart to figure that out hihi.
>
> 73
> greg
> k8gjp
>

The screws that you need are 4mm metric fine thread BUT only 6mm long. That is what the M4X6 means. Take great care that your M4X10 don't short anything out.

I have never seen a metric screw called M4-.07 X 10 before, I assume that the .07 meands fine thread, but this screw would normally be called M4X10 not M4X7.

73
Jeff

29922. Re: mars mods

Yahoo group: FT897 (2010)
Date: 2010-05-02 11:16:14 UTC
From: Peter Robinson
Topic: 29912 Message: 29922

If you need the MARS mod, contact me off list.

73 de Peter GØFIM / AA3JN

[Non-text portions of this message have been removed]

29923. Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 10:48:51 UTC
From: jphillips.houtbay
Topic: 29923 Message: 29923

I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the most!

Have I missed something obvious

Grateful for advice.

29924. RE: [FT897] Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 14:51:12 UTC
From: Michael Hughey
Topic: 29923 Message: 29924

Why do you WANT to tune out of the HAM bands?

-----Original Message-----
From: jphillips.houtbay <justin.phillips@...>
Sent: Sunday, May 02, 2010 4:48
To: FT897@yahoogroups.com
Subject: [FT897] Cannot tune out of the ham bands

I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the most!

Have I missed something obvious

Grateful for advice.

Reply to sender | Reply to group |

[The entire original message is not included]

[Non-text portions of this message have been removed]

29925. RE: [FT897] Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 14:55:41 UTC
From: Dennis
Topic: 29923 Message: 29925

STOP asking why he wants to - just answer the question if you can. Otherwise just watch the mail!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Hughey
Sent: Sunday, May 02, 2010 9:51 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Cannot tune out of the ham bands

Why do you WANT to tune out of the HAM bands?

-----Original Message-----
From: jphillips.houtbay <justin.phillips@
<mailto:justin.phillips%40mweb.co.za> mweb.co.za>
Sent: Sunday, May 02, 2010 4:48
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] Cannot tune out of the ham bands

I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the most!

Have I missed something obvious

Grateful for advice.

Reply to sender | Reply to group |

[The entire original message is not included]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29926. RE: [FT897] Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 15:46:15 UTC
From: Bruce Krell
Topic: 29923 Message: 29926

The problem with making hardware mods then doing a master reset is that you are mucking

in an area where you can't predict the side effects. The engineers at Yaesu designed the hardware,

then configured the software to match. You changed the hardware and did a reboot. Now, the

software configuration doesn't match the hardware configuration.

Probably the best approach is to start looking at the various parameters that you can set.

And, then experiment with changing these to see if you can find the modification that

fixes the problem.

Here's another possibility - maybe the hardware fix didn't go as well as you thought.

In otherwords, maybe the installation was easy but by doing the installation, you changed

something in the hardware circuits and processing that is causing the problem.

Is this a recently manufactured box? Maybe Yaesu made some changes that we don't know

about for the new boxes and the old hardware mod doesn't work anymore.

Here's an experiment - undo the mod, reboot, and see if the problem goes away.

If so, this tells you that the mod was indeed the problem.

Or, maybe it's just a simple parameter change and someone on this mail list has seen the

issue before. Hopefully, you'll be able to get a suggestion.

These are all possibilities. When you make changes, you take chances. Welcome to the fun of ham radio.

Bruce, AE6VG

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of jphillips.houtbay
Sent: Sunday, May 02, 2010 3:49 AM
To: FT897@yahoogroups.com
Subject: [FT897] Cannot tune out of the ham bands

I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the most!

Have I missed something obvious

Grateful for advice.

[Non-text portions of this message have been removed]

29927. Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 17:47:07 UTC
From: rschaffrath
Topic: 29923 Message: 29927

It is possible that Yaesu has made a change to the CPU and/or firmware resulting in a different jumper combination. It would not be unheard of. Looking in a Yaesu service manual, you often see different sub-categories for parts and alignment procedures based on the rev level of the radio in question. The fact that the radio is newly manufactured would lead me in that direction.

A suggestion would be to undo your change and see if the radio is restored to its former functionality. If so, then you are probably looking at a change in jumper settings. The only solutions then would be to either experiment with different combination's (a DIP switch setup is useful for that) or find someone with a MARS license who can obtain the information for you from Yaesu.

Robert, N2JTX

--- In FT897@yahoogroups.com, "jphillips.houtbay" <justin.phillips@...> wrote:
>
> I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the most!
>
> Have I missed something obvious
>
> Grateful for advice.
>

29928. RE: [FT897] Re:mounting screw size/ purchase?

Yahoo group: FT897 (2010)
Date: 2010-05-02 18:12:30 UTC
From: Mike Ernst
Topic: 29911 Message: 29928

All,

American threads are designated by the number of threads per inch (e,g, #10-32 mans the diameter is #10 and there are 32 threads per inch). For metric threads they designate the threads by pitch rather than by threads per inch. In the case of M4, there is M4X0.7 (which is coarse thread) and M4X0.5 (which is fine thread). What this means is that the threads are spaced 0.7mm from on thread to the next.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of g8hul
Sent: Sunday, May 02, 2010 5:31 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re:mounting screw size/ purchase?

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "rockhard13foxtrot" <gregparker69@...> wrote:
>
> i found the screws at lowes. they didn't have any m4x6 but they did have m4x7. the m4x7 does work fine (possible typo :)) on the package M4-.70 X 10. M4= size .70 MM 10= length 10 MM. i had to buy a chart to figure that out hihi.
>
> 73
> greg
> k8gjp
>

The screws that you need are 4mm metric fine thread BUT only 6mm long. That is what the M4X6 means. Take great care that your M4X10 don't short anything out.

I have never seen a metric screw called M4-.07 X 10 before, I assume that the .07 meands fine thread, but this screw would normally be called M4X10 not M4X7.

73
Jeff

[Non-text portions of this message have been removed]

29929. RE: [FT897] Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 18:41:42 UTC
From: Mike Ernst
Topic: 29923 Message: 29929

Actually this is not quite correct for the FT-857D and FT-897D. Please refer top the circuit diagram and you will see what I mean. The CPU chip in the rig is programmed in such a way that the values feed out through a set of pins and then there are three optional paths to feed them back in. You have a choice of 1001-1002-1003, or 1004-1005-1006 or 1007-1008-1009. I suspect they did this to add versatility to the rig, since there are different band allowances in other countries (such as the UK for example) than in the US. The modifications essentially hook different output and input pins from the CPU together dependent upon which configuration you are trying to achieve. Based on your described performance, I am pretty sure you do not have the correct combination of jumpers. They are different for different ranges of serial numbers. I was authorized for the widebanding because I am a member of Army MARS yet they would not give them to me until I proved it by sending them a copy of my license. And then they mailed them to me with the caveat that I not give them out to anyone else. They are required to restrict this information by the FCC.

If you are authorized for this mod, then I am sure Yaesu will give you the information. If you are not, then you are on your own. You might be better off in that case putting the jumpers back the way they were.

You definitely do not want to be trying to change program parameters to fix this. The solution is to get the jumpers correct and then it will work just fine.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bruce Krell
Sent: Sunday, May 02, 2010 11:46 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Cannot tune out of the ham bands

The problem with making hardware mods then doing a master reset is that you are mucking

in an area where you can't predict the side effects. The engineers at Yaesu designed the hardware,

then configured the software to match. You changed the hardware and did a reboot. Now, the

software configuration doesn't match the hardware configuration.

Probably the best approach is to start looking at the various parameters that you can set.

And, then experiment with changing these to see if you can find the modification that

fixes the problem.

Here's another possibility - maybe the hardware fix didn't go as well as you thought.

In otherwords, maybe the installation was easy but by doing the installation, you changed

something in the hardware circuits and processing that is causing the problem.

Is this a recently manufactured box? Maybe Yaesu made some changes that we don't know

about for the new boxes and the old hardware mod doesn't work anymore.

Here's an experiment - undo the mod, reboot, and see if the problem goes away.

If so, this tells you that the mod was indeed the problem.

Or, maybe it's just a simple parameter change and someone on this mail list has seen the

issue before. Hopefully, you'll be able to get a suggestion.

These are all possibilities. When you make changes, you take chances. Welcome to the fun of ham radio.

Bruce, AE6VG

From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of
jphillips.houtbay
Sent: Sunday, May 02, 2010 3:49 AM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Cannot tune out of the ham bands

I have a perplexing problem - grateful for some help. I perfromed the wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9 and no others. Then did a master reset (home plus power-on). No chnage in anything except I had to reset the memories etc - i.e. I no wideband tx was available, but all else was as before. Then did a another master reset, and another, and now for some reason I cant receive outside of 144-146 on 2m, and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but receive is limited. The jumper operation went very easily and was checked with multimeter and magnifying glass - its the 3rd I have done - but not successful in this case. The limited receive thing is perplexing me the

most!

Have I missed something obvious

Grateful for advice.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29930. Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 19:00:00 UTC
From: dean_ae7q
Topic: 29923 Message: 29930

Is this the Justin Phillips that is KC8MPM / Technician?

If so, you should know that your license has expired, but is still within the two-year grace period to renew without having to take the tests again.

-- Dean /AE7Q

--- In FT897@yahoogroups.com, "jphillips.houtbay" <justin.phillips@...> wrote:
>
> ...

29931. Re: S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-05-03 00:59:52 UTC
From: aa7fv
Topic: 29871 Message: 29931

I have just uploaded some sketches and notes on this mod, to
http://groups.yahoo.com/group/FT-857D/files/FT857-897_CF1005-fix.pdf .
Good luck,
Darrel, aa7fv.

--- In FT897@yahoogroups.com, "aa7fv" <aa7fv@...> wrote:
>
> From posts here and elsewhere, the AM filter in the FT897 and FT857D frequently goes bad after a year or two, especially in rigs made from 2007 to 2009. This produces intermittent lightning-like S9++ static crashes in the receiver, with or without antenna attached, and on all bands. The AM ceramic filter is a CF1005, a Toko ALFYM455H=K. Although worst on AM, the S9 crashes may couple into the filters used on other modes too. If the filter fails badly, it might also affect the proper switching to other filters.
>
> There seems to be a Yaesu design error in the FT857/897 main board. The data sheet from Toko clearly states that this ceramic filter should be AC coupled, using DC blocking capacitors. There are no such capacitors in the Yaesu schematic. The full DC diode switching voltage is applied to both the input and the output of this filter.
>
> If DC is applied to CF1005, against the filter manufacturer's recommendations, then occasional failures might not be surprising. I could well believe that some batches of filters may be more immune to failure from unwanted DC than others, so this failure mode might not occur in all rigs.
>
> I had this problem in my own FT857D, purchased new in April 2008, after 23 months of operation. I have now added SMD capacitors (0.01 microF) in series with the input and output pins of CF1005. This blocks the DC voltage otherwise reaching the filter. This appears to have cured the problem, which is consistent it being a design error in the original circuit. I may have made the fix just in time, before the filter became permanently damaged.
>
> This modification is not for the faint-hearted, or for those not experienced in SMD work. I was fortunate to have a skilled engineer friend (WA3HRM) perform the work for me, all under the microscope. I understand that the Vertex service center typically charges 1 hour of labor to replace this ceramic filter; considering what's involved, if that's true I'd rate it a bargain.
>
> Good luck,
> 73, Darrel, aa7fv.
>

29932. RE: [FT897] Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-02 16:18:07 UTC
From: Ovidiu Baluta
Topic: 29923 Message: 29932

I think you have to bridge the 1006 jumper. For reset, with the transceiver off, press and hold in the [F] and [V/M] keys; while holding them in, turn the radio on. Take a look here: http://www.kb2ljj.com/data/yaesu/ft-897.htm

Ovidiu - YO7LTI

[Non-text portions of this message have been removed]

29933. [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-03 02:01:25 UTC
From: Jack
Topic: 29933 Message: 29933

Group members,

All three of these radios look great, but I'd like to know why you chose the one you did, rather than one of the others. Or, whether you would make a different choice in the future, or perhaps you did revise your choice after an initial purchase?

Maybe it will make my choice more successful. Just lay it out like you would for someone who cares, 'cause I am getting close to ordering.

Jack

[Non-text portions of this message have been removed]

29934. Re: [FT897] [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-03 02:39:05 UTC
From: Dean Nash
Topic: 29933 Message: 29934

817 - 5 Watts? Are you a QRP enthusiast?
857 - No TXCO, weak DSP.

897 - Everything for a novice or veteran Ham and only $100 more than 857. Portable, mobile, or base configuration. Would not be caught alive without one.

I have six other radios, all Yaesu, but this is the one I pick up when I don't know what I might want to do on a radio "play day". The batteries are a must have investment if you are considering portable or emergency work. W4RT sells a OEM replacement that is much cheaper.

I've been offered quite a nice sum for mine but won't part with it unless there's enough to buy another one.

73 de N4SHD

From: Jack <303kk@...>
To: FT-817@yahoogroups.com; FT-857@yahoogroups.com; FT897@yahoogroups.com
Sent: Sun, May 2, 2010 10:01:25 PM
Subject: [FT897] [Fwd: FT-817/-857/-897]

Group members,

All three of these radios look great, but I'd like to know why you chose the one you did, rather than one of the others. Or, whether you would make a different choice in the future, or perhaps you did revise your choice after an initial purchase?

Maybe it will make my choice more successful. Just lay it out like you would for someone who cares, 'cause I am getting close to ordering.

Jack

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29935. Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-03 08:32:06 UTC
From: jphillips.houtbay
Topic: 29923 Message: 29935

Thanks Mike, your points are well made. Regarding the jumper info though - I did get the info from the official source and was based on the model, batch and serial number of this particular radio. However I guess there could still be an error . . . I will try a temporary jumper on 1006 and see if that makes any difference, or I guess its back to the way it was . . . What has perplexed me though is that the tunable bands changed after a 3rd master reset (with the box staying closed!) - and so I cant tune out of the 2m and 70cm ham bands for receive purposes even. Hmmm.

Thanks to all who have responded.

Justin Phillips
(on a sailboat)

(and BTW - I am not the Justin Phillips Technician mentioned as someone asked).

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> Actually this is not quite correct for the FT-857D and FT-897D. Please refer
> top the circuit diagram and you will see what I mean. The CPU chip in the
> rig is programmed in such a way that the values feed out through a set of
> pins and then there are three optional paths to feed them back in. You have
> a choice of 1001-1002-1003, or 1004-1005-1006 or 1007-1008-1009. I suspect
> they did this to add versatility to the rig, since there are different band
> allowances in other countries (such as the UK for example) than in the US.
> The modifications essentially hook different output and input pins from the
> CPU together dependent upon which configuration you are trying to achieve.
> Based on your described performance, I am pretty sure you do not have the
> correct combination of jumpers. They are different for different ranges of
> serial numbers. I was authorized for the widebanding because I am a member
> of Army MARS yet they would not give them to me until I proved it by sending
> them a copy of my license. And then they mailed them to me with the caveat
> that I not give them out to anyone else. They are required to restrict this
> information by the FCC.
>
>
>
> If you are authorized for this mod, then I am sure Yaesu will give you the
> information. If you are not, then you are on your own. You might be better
> off in that case putting the jumpers back the way they were.
>
>
>
> You definitely do not want to be trying to change program parameters to fix
> this. The solution is to get the jumpers correct and then it will work just
> fine.
>

>
>
> 73,
>
> Mike, AE8U
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Bruce Krell
> Sent: Sunday, May 02, 2010 11:46 AM
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Cannot tune out of the ham bands
>
>
>
>
>
> The problem with making hardware mods then doing a master reset is that you
> are mucking
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> in an area where you can't predict the side effects. The engineers at Yaesu
> designed the hardware,
>
> then configured the software to match. You changed the hardware and did a
> reboot. Now, the
>
> software configuration doesn't match the hardware configuration.
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> Probably the best approach is to start looking at the various parameters
> that you can set.
>
> And, then experiment with changing these to see if you can find the
> modification that
>
> fixes the problem.
>
> Here's another possibility - maybe the hardware fix didn't go as well as you
> thought.
>
> In otherwords, maybe the installation was easy but by doing the
> installation, you changed
>
> something in the hardware circuits and processing that is causing the
> problem.
>
> Is this a recently manufactured box? Maybe Yaesu made some changes that we
> don't know
>
> about for the new boxes and the old hardware mod doesn't work anymore.

>
> Here's an experiment - undo the mod, reboot, and see if the problem goes
> away.
>
> If so, this tells you that the mod was indeed the problem.
>
> Or, maybe it's just a simple parameter change and someone on this mail list
> has seen the
>
> issue before. Hopefully, you'll be able to get a suggestion.
>
> These are all possibilities. When you make changes, you take chances.
> Welcome to the fun of ham radio.
>
> Bruce, AE6VG
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
> Of
> jphillips.houtbay
> Sent: Sunday, May 02, 2010 3:49 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Cannot tune out of the ham bands
>
> I have a perplexing problem - grateful for some help. I perfromed the
> wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9
> and no others. Then did a master reset (home plus power-on). No chnage in
> anything except I had to reset the memories etc - i.e. I no wideband tx was
> available, but all else was as before. Then did a another master reset, and
> another, and now for some reason I cant receive outside of 144-146 on 2m,
> and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but
> receive is limited. The jumper operation went very easily and was checked
> with multimeter and magnifying glass - its the 3rd I have done - but not
> successful in this case. The limited receive thing is perplexing me the
> most!
>
> Have I missed something obvious
>
> Grateful for advice.
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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29936. Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-03 12:15:43 UTC
From: jphillips.houtbay
Topic: 29923 Message: 29936

Many thanks - that did the trick (jumper 1006) and all is working perfectly. Thanks to all who responded!

--- In FT897@yahoogroups.com, Ovidiu Baluta <yo7lti@...> wrote:
>
> I think you have to bridge the 1006 jumper. For reset, with the transceiver off, press and hold in the [F] and [V/M] keys; while holding them in, turn the radio on. Take a look here: http://www.kb2ljj.com/data/yaesu/ft-897.htm
>
> Ovidiu - YO7LTI
>
>
>
>
> [Non-text portions of this message have been removed]
>

29937. Re: [FT897] [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-03 15:29:32 UTC
From: Finnigann
Topic: 29933 Message: 29937

On Sun, 02 May 2010 22:01:25 -0400, Jack <303kk@...> wrote:

>
> Group members,

> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would
> make a different choice in the future, or perhaps you did revise your
> choice after an initial purchase?

> Maybe it will make my choice more successful. Just lay it out like you
> would for someone who cares, 'cause I am getting close to ordering.

> Jack
I picked between the two (897 and the 857) because of the size of the controls and their spacing. I believe they are the same radio (electronically) otherwise. I would have liked to have the optional remote head feature, but it wasn't a deal breaker. I picked the 897D.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

29938. RE: [FT897] Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-03 15:30:32 UTC
From: Mike Ernst
Topic: 29923 Message: 29938

Justin,

I got mine directly from Yaesu and it seemed to indicate exactly what you stated. However, I found someone who knew what he was talking about that told me the information was a bit confusing. There is one additional jumper needed that is not easily understandable from the info.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of jphillips.houtbay
Sent: Monday, May 03, 2010 4:32 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Cannot tune out of the ham bands

Thanks Mike, your points are well made. Regarding the jumper info though - I did get the info from the official source and was based on the model, batch and serial number of this particular radio. However I guess there could still be an error . . . I will try a temporary jumper on 1006 and see if that makes any difference, or I guess its back to the way it was . . . What has perplexed me though is that the tunable bands changed after a 3rd master reset (with the box staying closed!) - and so I cant tune out of the 2m and 70cm ham bands for receive purposes even. Hmmm.

Thanks to all who have responded.

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(on a sailboat)

(and BTW - I am not the Justin Phillips Technician mentioned as someone asked).

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Mike Ernst" <ae8u@...> wrote:
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> The modifications essentially hook different output and input pins from
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> CPU together dependent upon which configuration you are trying to achieve.
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> off in that case putting the jumpers back the way they were.
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> You definitely do not want to be trying to change program parameters to
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> 73,
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Of
> Bruce Krell
> Sent: Sunday, May 02, 2010 11:46 AM
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: RE: [FT897] Cannot tune out of the ham bands
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> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
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> another, and now for some reason I cant receive outside of 144-146 on 2m,
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> with multimeter and magnifying glass - its the 3rd I have done - but not
> successful in this case. The limited receive thing is perplexing me the
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> Have I missed something obvious
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>
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29939. Re: Cannot tune out of the ham bands

Yahoo group: FT897 (2010)
Date: 2010-05-04 05:10:41 UTC
From: jphillips.houtbay
Topic: 29923 Message: 29939

Sorry if this is a repeat - one of my postings seems to have disappeared. Thanks to all the great advice - I added a jumper over 1006 and bingo all the lights came on again - the mod has worked perfectly. the confusion appears to be that some 897s have 1006 lready set, and some dont. I thought this was to do with the Alaska emergency freq (which I dont need) but apparently not.

For those who are wondering what the mod is for - I am licensed for two experimental freqs in my country in the (not the US), plus three civil def freqs here in the 70cm band as it happens. Additionally, it could be a handy emergency SSB on my sailboat (which already has an ICOM M710 type approved set). It is fantastic to have all this capacity in one box, though it raises challenges on antennas as you can imagine.

Justin

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> Justin,
>
>
>
> I got mine directly from Yaesu and it seemed to indicate exactly what you
> stated. However, I found someone who knew what he was talking about that
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> 73,
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> Mike, AE8U
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> _____
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> jphillips.houtbay
> Sent: Monday, May 03, 2010 4:32 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Cannot tune out of the ham bands
>
>
>
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> Thanks Mike, your points are well made. Regarding the jumper info though - I

> did get the info from the official source and was based on the model, batch
> and serial number of this particular radio. However I guess there could
> still be an error . . . I will try a temporary jumper on 1006 and see if
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> reset (with the box staying closed!) - and so I cant tune out of the 2m and
> 70cm ham bands for receive purposes even. Hmmm.
>
> Thanks to all who have responded.
>
> Justin Phillips
> (on a sailboat)
>
> (and BTW - I am not the Justin Phillips Technician mentioned as someone
> asked).
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Mike Ernst"
> <ae8u@> wrote:
> >
> > Actually this is not quite correct for the FT-857D and FT-897D. Please
> refer
> > top the circuit diagram and you will see what I mean. The CPU chip in the
> > rig is programmed in such a way that the values feed out through a set of
> > pins and then there are three optional paths to feed them back in. You
> have
> > a choice of 1001-1002-1003, or 1004-1005-1006 or 1007-1008-1009. I suspect
> > they did this to add versatility to the rig, since there are different
> band
> > allowances in other countries (such as the UK for example) than in the US.
> > The modifications essentially hook different output and input pins from
> the
> > CPU together dependent upon which configuration you are trying to achieve.
> > Based on your described performance, I am pretty sure you do not have the
> > correct combination of jumpers. They are different for different ranges of
> > serial numbers. I was authorized for the widebanding because I am a member
> > of Army MARS yet they would not give them to me until I proved it by
> sending
> > them a copy of my license. And then they mailed them to me with the caveat
> > that I not give them out to anyone else. They are required to restrict
> this
> > information by the FCC.
> >
> >
> >
> > If you are authorized for this mod, then I am sure Yaesu will give you the
> > information. If you are not, then you are on your own. You might be better
> > off in that case putting the jumpers back the way they were.
> >
> >
> >

> > You definitely do not want to be trying to change program parameters to
> fix
> > this. The solution is to get the jumpers correct and then it will work
> just
> > fine.
> >
> >
> >
> > 73,
> >
> > Mike, AE8U
> >
> >
> >
> > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
> Of
> > Bruce Krell
> > Sent: Sunday, May 02, 2010 11:46 AM
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > Subject: RE: [FT897] Cannot tune out of the ham bands
> >
> >
> >
> >
> >
> > The problem with making hardware mods then doing a master reset is that
> you
> > are mucking
> >
> > in an area where you can't predict the side effects. The engineers at
> Yaesu
> > designed the hardware,
> >
> > then configured the software to match. You changed the hardware and did a
> > reboot. Now, the
> >
> > software configuration doesn't match the hardware configuration.
> >
> > Probably the best approach is to start looking at the various parameters
> > that you can set.
> >
> > And, then experiment with changing these to see if you can find the
> > modification that
> >
> > fixes the problem.
> >
> > Here's another possibility - maybe the hardware fix didn't go as well as
> you
> > thought.

> >
> > In otherwords, maybe the installation was easy but by doing the
> > installation, you changed
> >
> > something in the hardware circuits and processing that is causing the
> > problem.
> >
> > Is this a recently manufactured box? Maybe Yaesu made some changes that we
> > don't know
> >
> > about for the new boxes and the old hardware mod doesn't work anymore.
> >
> > Here's an experiment - undo the mod, reboot, and see if the problem goes
> > away.
> >
> > If so, this tells you that the mod was indeed the problem.
> >
> > Or, maybe it's just a simple parameter change and someone on this mail
> list
> > has seen the
> >
> > issue before. Hopefully, you'll be able to get a suggestion.
> >
> > These are all possibilities. When you make changes, you take chances.
> > Welcome to the fun of ham radio.
> >
> > Bruce, AE6VG
> >
> > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> <mailto:FT897%40yahoogroups.com>
> > [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> <mailto:FT897%40yahoogroups.com>] On Behalf
> > Of
> > jphillips.houtbay
> > Sent: Sunday, May 02, 2010 3:49 AM
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Cannot tune out of the ham bands
> >
> > I have a perplexing problem - grateful for some help. I perfromed the
> > wideband mod on my new 857D (Feb 2010) - leaving it with jumpers 1007/8/9
> > and no others. Then did a master reset (home plus power-on). No chnage in
> > anything except I had to reset the memories etc - i.e. I no wideband tx
> was
> > available, but all else was as before. Then did a another master reset,
> and
> > another, and now for some reason I cant receive outside of 144-146 on 2m,
> > and 430-440 on 70cm. HF receive seems ok. I can tx in the ham bands - but
> > receive is limited. The jumper operation went very easily and was checked
> > with multimeter and magnifying glass - its the 3rd I have done - but not

> > successful in this case. The limited receive thing is perplexing me the
> > most!
> >
> > Have I missed something obvious
> >
> > Grateful for advice.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

29940. I am looking for a FP-30

Yahoo group: FT897 (2010)
Date: 2010-05-03 21:57:32 UTC
From: wek106
Topic: 29940 Message: 29940

Any body selling a FP-30 PSU would be grateful if you give me a nod.
Bill de G7LXB

29941. [FT897] Re: S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-05-03 05:12:52 UTC
From: Paul Rulewski
Topic: 29871 Message: 29941

Hi Darrel,

I tried to download your fix, but I get a response that the file is damaged and cannot be repaired. I was wondering if you could upload it again, or alternatively email it to me directly at yaesu@...

Regards,

Paul, AX2NFE.

To: FT897@yahoogroups.com
Sent: Monday, May 03, 2010 10:59 AM
Subject: [FT897] Re: S9 static crashes with no antenna attached - fix

I have just uploaded some sketches and notes on this mod, to
http://groups.yahoo.com/group/FT-857D/files/FT857-897_CF1005-fix.pdf .
Good luck,
Darrel, aa7fv.

[Non-text portions of this message have been removed]

29942. Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-04 10:40:51 UTC
From: tom_tuttle@rocketmail.com
Topic: 29933 Message: 29942

--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
>
> Group members,
>
> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would
> make a different choice in the future, or perhaps you did revise your
> choice after an initial purchase?
>
> Maybe it will make my choice more successful. Just lay it out like you
> would for someone who cares, 'cause I am getting close to ordering.
>
>
> Jack
>
>
> [Non-text portions of this message have been removed]
>
I had an 817. A great radio but 5 watts can get to be frustrating and the small display and knobs can be a pain at times. And of course there's always the chance you get to join the blown finals club.

I bought the 897D and it truly is a rugged shack in a box. Want to work a little QRP dial down the wattage, need to bust a pileup crank it up. And the size of the controls and display are a lot easier on the eyes. Long term you'll probably be happier you spent your hard earned money on the 897 or at least the 857.

tom

29943. Re: [FT897] [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-03 15:43:50 UTC
From: harry latterman
Topic: 29933 Message: 29943

I have had all three. Actually over the years I have had the 817 four times and keep trading up. At this time I don't have one. Maybe someday again, but for now I just got a used 897D and find it to be my best choice. The 857D has problems. because everything is so packed it tends to blow finals. The controls are too tight and the display too small. I traded mine (once yeasu fixed it a second time at $112 each time), for a IC-706 and was much happier. The 817 is one great do most anything radio, but really is a field qrp rig and many times when conditions were bad I really wanted more power. I have always had my eye on theh 897 and finally got one with the LDG tuner attached and the intenal power supply. I think this is by far my best universal radio. 5 watts to 100 watts. No external PS needed. Pull the plug on the back and connect to the car for mobile or to a battery pack for portable operation. HF/UHF/VHF will high and low power. Resonable size for much easier display viewing much easier button useage the the 857 or the 817. For me the radio is truly ideal for camping, home, car and emergencies. The 817 beats it for back packing and some outdoor activities, but not by much. Before I would ever recommed the 857 for anything I would suggest a used fully loaded 706MKII or MKIIG. You will be much happier. So that is my 2 cents work....FT-897+ LDG wide range tuner = fun and versatility that is hard to beat.

73
Harry K7ZOV

[Non-text portions of this message have been removed]

29944. Re: Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-05-04 01:50:35 UTC
From: KEN
Topic: 29910 Message: 29944

I agree for SSB but on FM (repeaters & simplex) I got the best results for FM mic gain at 40 and my GM 5 is on the PRO/Wide.

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
>
>
> --- In FT897@...m, "Sean" <kamaaina1@> wrote:
> >
> > Heil GM-5 and mic gain on the 897
> > What settings are you all using with this combination?
> > Sean W7TRD
>
>
>
> I used to put my gain up to 85. I wondered the same thing so I emailed Bob Heil and they told me that the default settings are fine, so I put it back to 50. Workd fine, there was no difference between 85 and 50 from the reports I got.
>
> Larry / nr3r
>

29945. Re: FT-817/-857/-897

Yahoo group: FT897 (2010)
Date: 2010-05-05 11:38:32 UTC
From: Dave Nelson
Topic: 29945 Message: 29945

As a couple of others have said the 897D is much more rugged overall
I have had mine for 5 years and have been very satisfied. In fact at the
moment
am doing a major modification to it. I am installing a Khune 1296MHz
transverter
into the unused (and for me never to be used) battery compartment. Along with
the transverter module there will also be a 1.5W power amp module and
appropriate RF switching relays and sequencer. I am looking forward to having
all in one package, a radio that goes from 160m to 23cm
I will post pix of the final product once finished
The large battery selection switch will select between normal and xverter
use.

The FT817 is am awesome low power unit and other than QRP use it is a
very popular transverter driver for various microwave bands. That fact
alone would
seriously tempt me to purchase one solely for that use, if I didnt already
have the
older Icom IC-290H for that purpose.

cheers
Dave
VK2TDN

At 09:01 AM 5/5/2010 +0000, you wrote:
>--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
> > Group members,
> > All three of these radios look great, but I'd like to know why you chose
> > the one you did, rather than one of the others. Or, whether you would
> > make a different choice in the future, or perhaps you did revise your
> > choice after an initial purchase?
> > Maybe it will make my choice more successful. Just lay it out like you
> > would for someone who cares, 'cause I am getting close to ordering.
> > Jack

29946. Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-05 12:09:12 UTC
From: Hank
Topic: 29933 Message: 29946

After a lot of research and comparison, I chose the FT-897D. The 817 was never an option for me as I don't do backpacking or QRP. Based on that, it had really nothing special to offer. If I did those things, the 817 would be my radio of choice.

I chose the 897 over the 857 because of size and the option of built-in batteries. I like the size and layout of the 897 over the 857. It is easier for me to see and the controls are spaced out, making it easier to operate. In my case, the rig is a base rig, so I also liked the optional built-in power supply. Plus, living in Hurricane Alley, I like the idea of the optional built-in batteries. With the built-in DSP and TXCO, it has everything I would ever need and more.

I have had my 897D now for about a year and a half, and I am very happy with it. I bought it with the LDG-897 tuner and the built-in power supply. Since then, I have added the LDG FT-Meter and the Yaesu MD-100A8X desk mic. With a compromise dipole antenna in the attic I am making contacts all over America, Central America, South America, and Europe, all on 50 - 60 watts.

Hank / KB4MTO

--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
>
> Group members,
>
> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would
> make a different choice in the future, or perhaps you did revise your
> choice after an initial purchase?
>
> Maybe it will make my choice more successful. Just lay it out like you
> would for someone who cares, 'cause I am getting close to ordering.
>
>
> Jack
>
>
> [Non-text portions of this message have been removed]
>

29947. Re: S9 static crashes with no antenna attached - fix

Yahoo group: FT897 (2010)
Date: 2010-05-05 13:56:17 UTC
From: aa7fv
Topic: 29871 Message: 29947

Hi Paul,
I was able to download the file myself, just clicking on the link in your own message. It does not seem to be damaged at all, but maybe there was a temporary problem with the server. I don't know.

Anyway, I'll send a copy directly to you by email now.

Regards,
Darrel, aa7fv.

--- In FT897@yahoogroups.com, "Paul Rulewski" <groups@...> wrote:
>
> Hi Darrel,
>
> I tried to download your fix, but I get a response that the file is damaged and cannot be repaired. I was wondering if you could upload it again, or alternatively email it to me directly at yaesu@...
>
> Regards,
>
> Paul, AX2NFE.
>
>
> To: FT897@yahoogroups.com
> Sent: Monday, May 03, 2010 10:59 AM
> Subject: [FT897] Re: S9 static crashes with no antenna attached - fix
>
>
>
> I have just uploaded some sketches and notes on this mod, to
> http://groups.yahoo.com/group/FT-857D/files/FT857-897_CF1005-fix.pdf .
> Good luck,
> Darrel, aa7fv.
>
>
> [Non-text portions of this message have been removed]
>

29948. Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-05 14:10:48 UTC
From: john_kb0ne
Topic: 29933 Message: 29948

For me: the 817 and running QRP on all modes just didn't have any appeal. (Around here that turns out to be a good deciding factor, especially on V/UHF FM repeaters.)

The 857 looked way too SI-FI with the cluster of push buttons around the tuning knob and general faceplate layout.

The 897 appealed to me because, for me, it looked like a ham radio oughtta look.... still, it has lots of buttons but I figured they would be a bit less distracting operating mobile.

So one could say that between the 857D and the 897D, it was a fashion statement.... plus the 897D had a couple factory installed options that the 857D didn't have.

John KB0NE

29949. (no subject)

Yahoo group: FT897 (2010)
Date: 2010-05-05 15:43:30 UTC
From: Robert Walling
Topic: 29949 Message: 29949

http://washingtonxyl34.chat.ru

29950. Possible Spam

Yahoo group: FT897 (2010)
Date: 2010-05-05 15:58:05 UTC
From: Bernie
Topic: 29950 Message: 29950

Just to let all know - the post from Robert Walling with the subject listed (No Subject) could be spam with a possible entry way into computers. I had my name hijacked about 2 or 3 weeks ago I think by opening a post like this in one of the radio forums I am on.

Be on the lookout.

Bernie
W8NBC

29951. Re: [FT897] Re: Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-05-05 16:04:06 UTC
From: Jerry Lefever
Topic: 29910 Message: 29951

Larry
What are your other settings on the 897 for SSB? ie Processor level etc.

Jerry

> > Sean W7TRD
>
> I used to put my gain up to 85. I wondered the same thing so I emailed Bob
> Heil and they told me that the default settings are fine, so I put it back
> to 50. Workd fine, there was no difference between 85 and 50 from the
> reports I got.
>
> Larry / nr3r
>
>
>

[Non-text portions of this message have been removed]

29952. Re: [FT897] Possible Spam

Yahoo group: FT897 (2010)
Date: 2010-05-05 16:23:01 UTC
From: Alan E. Lutz
Topic: 29950 Message: 29952

For me it became suspect when it was sent to individuals and not the group. I am always on the look out. If the subject doesn't seem to match the sender, etc, I delete.

Alan

----- Original Message -----
From: "Bernie" <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 5, 2010 11:58:05 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] Possible Spam

Just to let all know - the post from Robert Walling with the subject listed (No Subject) could be spam with a possible entry way into computers. I had my name hijacked about 2 or 3 weeks ago I think by opening a post like this in one of the radio forums I am on.

Be on the lookout.

Bernie
W8NBC

[Non-text portions of this message have been removed]

29953. FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-05 16:31:11 UTC
From: David Okrent
Topic: 29953 Message: 29953

Just looking for some reassurance.

I just got my commercial GP-3 2m/70cm antenna up and I pulled power back to 30 watts and I can easily work the local repeaters. I notice something I didn't see on HF that I would like confirmation on. After even a 20 second or less FM transmit on 2m and 70 cm the fan immediately comes on. Unlike HF where I transmit SSB at 100 watts for longer and the fan doesn't come on. Is this normal?

29954. Re: [FT897] FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-05 17:33:51 UTC
From: Alan E. Lutz
Topic: 29953 Message: 29954

David,

Don't forget that with s ideband there is no carrier. Watch the power meter when you talk on SSB. It will jump up and down in cadence with the mo dulation of your voice. When you key the mike on FM, you immediately are transmitting the full power of the carrier you have selected even before you modulate.

73 de Alan

AE1NH

----- Original Message -----
From: "David Okrent" <dokrent@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 5, 2010 12:31:11 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] FM TX on 2m and 70cm

Just looking for some reassurance.

I just got my commercial GP-3 2m/70cm antenna up and I pulled power back to 30 watts and I can easily work the local repeaters. I notice something I didn't see on HF that I would like confirmation on. After even a 20 second or less FM transmit on 2m and 70 cm the fan immediately comes on. Unlike HF where I transmit SSB at 100 watts for longer and the fan doesn't come on. Is this normal?

[Non-text portions of this message have been removed]

29955. Re: FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-05 17:35:01 UTC
From: W1AEX
Topic: 29953 Message: 29955

It's normal. The higher duty cycle of FM, even at 30 watts, will cause the PA heatsink to warm up more quickly than SSB operation.

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> Just looking for some reassurance.
>

29956. RE: [FT897] Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-05 19:53:03 UTC
From: Michael Hughey
Topic: 29933 Message: 29956

I chose the FT-897, but only after carefully looking at each radio's capability. I'm a hiker, so I initially wanted the FT-817 for it portability and light weight, however it's max pwr out is only 5 watts on all bands on it's internal batteries. The FT- 857 is smaller than the FT- 897, puts 100 watts on HF, 20 watts on UHF and 50 watts on VHF, however it's not portable unless I want to put some heavy gell cells in my backpack. I ultimately chose the FT 897D for it portability and power. It has the same power as the 857 when connected to 12 volts dc and has 20 watts on all bands when on either of it's two optional internal batteries. I did use a 12 ah AGM battery in Golden Gate State Park in Colorado last summer for about 10 hours on 15 watts on VHF with an Arrow dual-band J-Pole during a marathon and it only used 33% of the battery by the end of the day. I would choose it again.

Mike - KF4DUS

-----Original Message-----
From: tom_tuttle@... <tom_tuttle@...>
Sent: Tuesday, May 04, 2010 4:40
To: FT897@yahoogroups.com
Subject: [FT897] Re: [Fwd: FT-817/-857/-897]

--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
>
> Group members,
>
> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would
> make a different choice in the future, or perhaps you did revise your
> choice after an initial purchase?
>
> Maybe it will make my choice more successful. Just lay it out like you
> would for someone who cares, 'cause I am getting close to ordering.
>
>
> Jack
>
>
> [Non-text portions of this message have been removed]
>
I had an 817. A great radio but 5 watts can get to be frustrating and the small display and knobs can be a pain at times. And of course there's always the chance you get to join the blown finals club.

I bought the 897D and it truly is a rugged shack in a box. Want to work a little QRP dial down the wattage, need to bust a pileup crank it up. And the size of the controls and display are a lot easier on the eyes. Long term you'll probably be happier you spent your hard earned money on the 897 or at least the 857.

tom

[The entire original message is not included]

[Non-text portions of this message have been removed]

29957. RE: [FT897] Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-05 19:53:33 UTC
From: Joseph Richard
Topic: 29933 Message: 29957

I chose the FT-897D, because it was the best thing going at the time. So far, it is still unmatched. It has its quirks and there are things which could have been done better. The same could be said about the FT-2000.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Hughey
Sent: Wednesday, May 05, 2010 2:53 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: [Fwd: FT-817/-857/-897]

I chose the FT-897, but only after carefully looking at each radio's capability. I'm a hiker, so I initially wanted the FT-817 for it portability and light weight, however it's max pwr out is only 5 watts on all bands on it's internal batteries. The FT- 857 is smaller than the FT- 897, puts 100 watts on HF, 20 watts on UHF and 50 watts on VHF, however it's not portable unless I want to put some heavy gell cells in my backpack. I ultimately chose the FT 897D for it portability and power. It has the same power as the 857 when connected to 12 volts dc and has 20 watts on all bands when on either of it's two optional internal batteries. I did use a 12 ah AGM battery in Golden Gate State Park in Colorado last summer for about 10 hours on 15 watts on VHF with an Arrow dual-band J-Pole during a marathon and it only used 33% of the battery by the end of the day. I would choose it again.

Mike - KF4DUS

-----Original Message-----
From: tom_tuttle@... <tom_tuttle@...>
Sent: Tuesday, May 04, 2010 4:40
To: FT897@yahoogroups.com
Subject: [FT897] Re: [Fwd: FT-817/-857/-897]

--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
>
> Group members,
>
> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would >
make a different choice in the future, or perhaps you did revise your >
choice after an initial purchase?
>
> Maybe it will make my choice more successful. Just lay it out like you >
would for someone who cares, 'cause I am getting close to ordering.

>
>
> Jack
>
>
> [Non-text portions of this message have been removed] > I had an 817. A great radio but 5 watts can get to be frustrating and the small display and knobs can be a pain at times. And of course there's always the chance you get to join the blown finals club.

I bought the 897D and it truly is a rugged shack in a box. Want to work a little QRP dial down the wattage, need to bust a pileup crank it up. And the size of the controls and display are a lot easier on the eyes. Long term you'll probably be happier you spent your hard earned money on the 897 or at least the 857.

tom

[The entire original message is not included]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29958. RE: [FT897] FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-05 20:08:30 UTC
From: Michael Hughey
Topic: 29953 Message: 29958

The fan comes on momentarily on all bands, which is a Very good thing and normal. A VHF/UHF radio is actually an HF radio that multiplies the HF base frequency yo VHF or UHF. Have you ever noticed how warm an HT gets? Same thing. Converting from HF to VHF/UHF makes a lot of heat.
Mike - KF4DUS

-----Original Message-----
From: David Okrent <dokrent@...>
Sent: Wednesday, May 05, 2010 10:31
To: FT897@yahoogroups.com
Subject: [FT897] FM TX on 2m and 70cm

Just looking for some reassurance.

I just got my commercial GP-3 2m/70cm antenna up and I pulled power back to 30 watts and I can easily work the local repeaters. I notice something I didn't see on HF that I would like confirmation on. After even a 20 second or less FM transmit on 2m and 70 cm the fan immediately comes on. Unlike HF where I transmit SSB at 100 watts for longer and the fan doesn't come on. Is this normal?

Reply to sender | Reply to group | Reply via web post | Start a

[The entire original message is not included]

[Non-text portions of this message have been removed]

29959. Re: [FT897] Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-06 00:05:50 UTC
From: n0bnd Yahoo
Topic: 29933 Message: 29959

I have an 897d, 706mkiig, 817d, and 703. I just made my choice the 897d. The 817 is portable but qrp sometimes needs help. I am 98% mobile also. The 706 is nice but less featured than the 897. The 703 will be my backup rig. I have 2 11v li-ion packs and it travels very light. I have w4rt batteries and charger for the 897 for portable. The dsp filter for the 897 on cw is awesome. Ssb not so much. I have a ldg rt-11 tuner on the 897 also. So there it is...

Joel Mueller

On May 5, 2010, at 3:53 PM, "Joseph Richard" <jrichard333@...> wrote:

I chose the FT-897D, because it was the best thing going at the time. So far, it is still unmatched. It has its quirks and there are things which could have been done better. The same could be said about the FT-2000.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Hughey
Sent: Wednesday, May 05, 2010 2:53 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: [Fwd: FT-817/-857/-897]

I chose the FT-897, but only after carefully looking at each radio's capability. I'm a hiker, so I initially wanted the FT-817 for it portability and light weight, however it's max pwr out is only 5 watts on all bands on it's internal batteries. The FT- 857 is smaller than the FT- 897, puts 100 watts on HF, 20 watts on UHF and 50 watts on VHF, however it's not portable unless I want to put some heavy gell cells in my backpack. I ultimately chose the FT 897D for it portability and power. It has the same power as the 857 when connected to 12 volts dc and has 20 watts on all bands when on either of it's two optional internal batteries. I did use a 12 ah AGM battery in Golden Gate State Park in Colorado last summer for about 10 hours on 15 watts on VHF with an Arrow dual-band J-Pole during a marathon and it only used 33% of the battery by the end of the day. I would choose it again.

Mike - KF4DUS

-----Original Message-----
From: tom_tuttle@... <tom_tuttle@...>
Sent: Tuesday, May 04, 2010 4:40
To: FT897@yahoogroups.com
Subject: [FT897] Re: [Fwd: FT-817/-857/-897]

--- In FT897@yahoogroups.com, Jack <303kk@...> wrote:
>
> Group members,
>
> All three of these radios look great, but I'd like to know why you chose
> the one you did, rather than one of the others. Or, whether you would >
make a different choice in the future, or perhaps you did revise your >
choice after an initial purchase?
>
> Maybe it will make my choice more successful. Just lay it out like you >
would for someone who cares, 'cause I am getting close to ordering.
>
>
> Jack
>
>
> [Non-text portions of this message have been removed] > I had an 817. A
great radio but 5 watts can get to be frustrating and the small display and
knobs can be a pain at times. And of course there's always the chance you
get to join the blown finals club.

I bought the 897D and it truly is a rugged shack in a box. Want to work a
little QRP dial down the wattage, need to bust a pileup crank it up. And the
size of the controls and display are a lot easier on the eyes. Long term
you'll probably be happier you spent your hard earned money on the 897 or at
least the 857.

tom

[The entire original message is not included]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

29960. hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 05:06:37 UTC
From: ZephyrNYC
Topic: 29960 Message: 29960

I got this on my twitter account. Please share. People all over the world need your assistance:

RT @HumanityRoad: ATTENTION HAM RADIO OPERATORS: Let's work tgthr 2 help ppl in catastrophic events. Contact http://bit.ly/9HmXLj #HmRd

73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yahoo group for helping hams (amateur radio operators) and non-hams alike at http://groups.yahoo.com/group/HamRadioHelpGroup/ or email HamRadioHelpGroup-subscribe@yahoogroups.com .

Join the largest Yaesu FT-857 group on Yahoo at http://groups.yahoo.com/group/FT-857/ or email FT-857-subscribe@yahoogroups.com .

29961. Re: FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-06 06:42:32 UTC
From: g8hul
Topic: 29953 Message: 29961

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> The fan comes on momentarily on all bands, which is a Very good thing and normal. A VHF/UHF radio is actually an HF radio that multiplies the HF base frequency yo VHF or UHF. Have you ever noticed how warm an HT gets? Same thing. Converting from HF to VHF/UHF makes a lot of heat.
> Mike - KF4DUS
>

That is not how the FT897 works, it does not transvert from HF to VHF.
In fact neither do most VHF/UHF radios. They generate directly at VHF/UHF.

Jeff

29962. Re: Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-05-06 09:30:52 UTC
From: nr3r15
Topic: 29910 Message: 29962

--- In FT897@yahoogroups.com, Jerry Lefever <jerrylefever@...> wrote:
>
> Larry
> What are your other settings on the 897 for SSB? ie Processor level etc.
>
> Jerry

My 897 is set to all the default settings, just like it came out of the box. I changed nothing at all and get good reports.

Larry / nr3r

29963. RE: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 10:08:50 UTC
From: Dennis
Topic: 29960 Message: 29963

Is nothing immune from SPAM anymore!?!?!?! Just because you got it from twitter, doesn't mean it WASN"T generated from some twit!!!!!!!!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ZephyrNYC
Sent: Thursday, May 06, 2010 12:07 AM
Subject: [FT897] hams needed all over the world

I got this on my twitter account. Please share. People all over the world need your assistance:

RT @HumanityRoad: ATTENTION HAM RADIO OPERATORS: Let's work tgthr 2 help ppl in catastrophic events. Contact http://bit.ly/ <http://bit.ly/9HmXLj> 9HmXLj #HmRd

73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yahoo group for helping hams (amateur radio operators) and non-hams alike at http://groups. <http://groups.yahoo.com/group/HamRadioHelpGroup/> yahoo.com/group/HamRadioHelpGroup/ or email HamRadioHelpGroup- <mailto:HamRadioHelpGroup-subscribe%40yahoogroups.com> subscribe@yahoogroups.com .

Join the largest Yaesu FT-857 group on Yahoo at http://groups. <http://groups.yahoo.com/group/FT-857/> yahoo.com/group/FT-857/ or email FT-857-subscribe@ <mailto:FT-857-subscribe%40yahoogroups.com> yahoogroups.com .

[Non-text portions of this message have been removed]

29964. Re: [Fwd: FT-817/-857/-897]

Yahoo group: FT897 (2010)
Date: 2010-05-06 11:45:10 UTC
From: pascalpete
Topic: 29933 Message: 29964

Greetings,

I am a relatively new ham (licensed October 2009). I carefully looked at lots of radios and asked many other experienced ham operators their thoughts as well.

I settled on the FT-897D for primarily two reasons:

1) I was new to the hobby and wanted one radio that would do it all (2 meter, HF, voice, ccw, digital modes, etc.). I did not want any limits while I explored what it was about ham radio that I really liked.

2) I wanted the ability to go into the field with the radio, be it for emergency comms or just for the heck of it. The battery/portable option was precisely what I was looking for.

I looked closely at the F817D but ultimately discarded that idea because of the QRP. As an Elmer pointed out, QRP can be fun but with the 897D you can always dial the radio back to 5 watts if you want. You can't go the other way with the 817D.

I love the radio. I personally don't see a need for anything different (for my uses), especially with my limited experience. It does everything I want, has the ability to expand to do portable work (when I save up the pennies for the batteries), and it does a great job. I get good reports with it. While it doesn't really matter much to me, the radio DOES look pretty cool as well. A bonus!

For me the radio choice was about figuring out what I wanted to do with it. That took me a longer time to figure out than I suspected. For me, the 897D was THE radio that fit everything I wanted to do.

Best of luck to you in choosing a radio.

73

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, n0bnd Yahoo <n0bnd@...> wrote:
>
> I have an 897d, 706mkiig, 817d, and 703. I just made my choice the 897d. The 817 is portable but qrp sometimes needs help. I am 98% mobile also. The 706 is nice but less featured than the 897. The 703 will be my backup rig. I have 2 11v li-ion packs and it travels very light. I have w4rt batteries and charger for the 897 for portable. The dsp filter for the 897 on cw is awesome. Ssb not so much. I have a ldg rt-11 tuner on the 897 also. So there it is...
>
> Joel Mueller
>
> On May 5, 2010, at 3:53 PM, "Joseph Richard" <jrichard333@...> wrote:
>

> I chose the FT-897D, because it was the best thing going at the time. So
> far, it is still unmatched. It has its quirks and there are things which
> could have been done better. The same could be said about the FT-2000.
>
> JR-N5JNX
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Michael Hughey
> Sent: Wednesday, May 05, 2010 2:53 PM
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Re: [Fwd: FT-817/-857/-897]
>
> I chose the FT-897, but only after carefully looking at each radio's
> capability. I'm a hiker, so I initially wanted the FT-817 for it portability
> and light weight, however it's max pwr out is only 5 watts on all bands on
> it's internal batteries. The FT- 857 is smaller than the FT- 897, puts 100
> watts on HF, 20 watts on UHF and 50 watts on VHF, however it's not portable
> unless I want to put some heavy gell cells in my backpack. I ultimately
> chose the FT 897D for it portability and power. It has the same power as the
> 857 when connected to 12 volts dc and has 20 watts on all bands when on
> either of it's two optional internal batteries. I did use a 12 ah AGM
> battery in Golden Gate State Park in Colorado last summer for about 10 hours
> on 15 watts on VHF with an Arrow dual-band J-Pole during a marathon and it
> only used 33% of the battery by the end of the day. I would choose it
> again.
>
> Mike - KF4DUS
>
> -----Original Message-----
> From: tom_tuttle@... <tom_tuttle@...>
> Sent: Tuesday, May 04, 2010 4:40
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: [Fwd: FT-817/-857/-897]
>
> --- In FT897@yahoogroups.com, Jack <303kk@> wrote:
> >
> > Group members,
> >
> > All three of these radios look great, but I'd like to know why you chose
> > the one you did, rather than one of the others. Or, whether you would >
> make a different choice in the future, or perhaps you did revise your >
> choice after an initial purchase?
> >
> > Maybe it will make my choice more successful. Just lay it out like you >
> would for someone who cares, 'cause I am getting close to ordering.
> >
> >
> > Jack
> >

> >
> > [Non-text portions of this message have been removed] > I had an 817. A
> great radio but 5 watts can get to be frustrating and the small display and
> knobs can be a pain at times. And of course there's always the chance you
> get to join the blown finals club.
>
> I bought the 897D and it truly is a rugged shack in a box. Want to work a
> little QRP dial down the wattage, need to bust a pileup crank it up. And the
> size of the controls and display are a lot easier on the eyes. Long term
> you'll probably be happier you spent your hard earned money on the 897 or at
> least the 857.
>
> tom
>
> [The entire original message is not included]
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>

29965. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 13:24:57 UTC
From: ZephyrNYC
Topic: 29960 Message: 29965

DENNIS,

Would you please check the link and the organization before you pass judgements? Just because I got it on twitter doesn't automatically make it spam. Can't any charities/NGOs and other people wanting to help other people be immune from ignorant premature judgement? Jeez!

"!?!?!?!" "!!!!!!!!!!"

73,
Frank

On Thu, May 6, 2010 at 06:08, Dennis <n8bmb1@...m> wrote:

>
>
> Is nothing immune from SPAM anymore!?!?!?! Just because you got it from
> twitter, doesn't mean it WASN"T generated from some twit!!!!!!!!!!
>
> Dennis - N8BMB
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> ZephyrNYC
> Sent: Thursday, May 06, 2010 12:07 AM
> Subject: [FT897] hams needed all over the world
>
> I got this on my twitter account. Please share. People all over the
> world need your assistance:
>
> RT @HumanityRoad: ATTENTION HAM RADIO OPERATORS: Let's work tgthr 2
> help ppl in catastrophic events. Contact http://bit.ly/
> <http://bit.ly/9HmXLj> 9HmXLj #HmRd
>
>
> 73,
> Frank
>
> "Security is mostly a superstition. Avoiding danger is no safer in the
> long run than outright exposure. Life is either a daring adventure or
> nothing."
>
> - Helen Keller (1880-1968), The Open Door
>

> Join the largest Yahoo group for helping hams (amateur radio
> operators) and non-hams alike at
> http://groups. <http://groups.yahoo.com/group/HamRadioHelpGroup/>
>
> yahoo.com/group/HamRadioHelpGroup/ or email
> HamRadioHelpGroup- <mailto:HamRadioHelpGroup-subscribe%40yahoogroups.com<HamRadioHelpGro
up-subscribe%2540yahoogroups.com>
> >
>
> subscribe@yahoogroups.com <subscribe%40yahoogroups.com> .
>
> Join the largest Yaesu FT-857 group on Yahoo at
> http://groups. <http://groups.yahoo.com/group/FT-857/>
>
> yahoo.com/group/FT-857/ or email
> FT-857-subscribe@
<mailto:FT-857-subscribe%40yahoogroups.com<FT-857-subscribe%2540yahoogroups.com>
> >
> yahoogroups.com .
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

29966. Re:FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-06 14:49:40 UTC
From: David Okrent
Topic: 29953 Message: 29966

Thanks all that replied. Yes, I am aware of the difference between SSB and FM with regards carrier and side band operation, I was just surprised that a rig designed for 100 W or 50 W on 2 meters would require the fan on such a short transmission. I assumed heat dissipation would be better, I guess if you have a fan you don't have to design great heat sinks.

Thanks again.

29967. RE: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 15:27:06 UTC
From: Dennis
Topic: 29960 Message: 29967

First, how does this pertain to the 897? That IS what this forum is for.
Second, check the definition of "SPAM". It is something along the lines of
" un-solicited email or messages". Meaning that if you didn't ask for the
message or were nor engaged in a conversation with the sender prior to
getting it, it is SPAM.

Having it arrive in my inbox from this group makes it spam as it does not
pertain to the forum's topic.

Finally, check my bio on QRZ. I do enough to help with what time I have
available to do so.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
ZephyrNYC
Sent: Thursday, May 06, 2010 8:25 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] hams needed all over the world

DENNIS,

Would you please check the link and the organization before you pass
judgements? Just because I got it on twitter doesn't automatically make it
spam. Can't any charities/NGOs and other people wanting to help other
people be immune from ignorant premature judgement? Jeez!

"!?!?!?!" "!!!!!!!!!!"

73,
Frank

On Thu, May 6, 2010 at 06:08, Dennis <n8bmb1@...> wrote:

>
>
> Is nothing immune from SPAM anymore!?!?!?! Just because you got it from
> twitter, doesn't mean it WASN"T generated from some twit!!!!!!!!!!
>
> Dennis - N8BMB
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> ZephyrNYC

> Sent: Thursday, May 06, 2010 12:07 AM
> Subject: [FT897] hams needed all over the world
>
> I got this on my twitter account. Please share. People all over the
> world need your assistance:
>
> RT @HumanityRoad: ATTENTION HAM RADIO OPERATORS: Let's work tgthr 2
> help ppl in catastrophic events. Contact http://bit.ly/
> <http://bit.ly/9HmXLj> 9HmXLj #HmRd
>
>
> 73,
> Frank
>
> "Security is mostly a superstition. Avoiding danger is no safer in the
> long run than outright exposure. Life is either a daring adventure or
> nothing."
>
> - Helen Keller (1880-1968), The Open Door
>
> Join the largest Yahoo group for helping hams (amateur radio
> operators) and non-hams alike at
> http://groups. <http://groups.yahoo.com/group/HamRadioHelpGroup/>
>
> yahoo.com/group/HamRadioHelpGroup/ or email
> HamRadioHelpGroup-
<mailto:HamRadioHelpGroup-subscribe%40yahoogroups.com<HamRadioHelpGroup-subs
cribe%2540yahoogroups.com>
> >
>
> subscribe@yahoogroups.com <subscribe%40yahoogroups.com> .
>
> Join the largest Yaesu FT-857 group on Yahoo at
> http://groups. <http://groups.yahoo.com/group/FT-857/>
>
> yahoo.com/group/FT-857/ or email
> FT-857-subscribe@
<mailto:FT-857-subscribe%40yahoogroups.com<FT-857-subscribe%2540yahoogroups.
com>
> >
> yahoogroups.com .
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

29968. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 15:36:07 UTC
From: Joe
Topic: 29960 Message: 29968

Hi Frank...

Dennis is right on this one.....I considered it spam as well. I know you are trying to do right, no one is faulting you on that one, but this is not the place to bulk solicit humanitarian support from hams.....Perhaps QRZ, EHam, or even the ARRL, would be better sites to post it on, and, more widely read.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dennis" <n8bmb1@...>
Subject: RE: [FT897] hams needed all over the world

> First, how does this pertain to the 897? That IS what this forum is for.
> Second, check the definition of "SPAM". It is something along the lines of
> " un-solicited email or messages". Meaning that if you didn't ask for the
> message or were nor engaged in a conversation with the sender prior to
> getting it, it is SPAM.

[Non-text portions of this message have been removed]

29969. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 15:55:17 UTC
From: Carl Wulfestieg
Topic: 29960 Message: 29969

I agree- It's SPAM- It is not on the topic of FT-897 88 Carl WZ4CW

[Non-text portions of this message have been removed]

29970. Re: [FT897] Re:FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-06 16:45:10 UTC
From: robert donchez
Topic: 29953 Message: 29970

hi
i would guess without looking at the schematic, that the keying
line, when in fm or am triggers fan automatically as a safeguard,-
mine does it even in a cold basement in winter at 5 watts- in ssb the
duty cycle is much less so they probably just let a thermal sensor do it
without looking, just my thought
bob donchez
wb3hyb
On May 6, 2010, at 10:49 AM, David Okrent wrote:

> Thanks all that replied. Yes, I am aware of the difference between
> SSB and FM
> with regards carrier and side band operation, I was just surprised
> that a rig
> designed for 100 W or 50 W on 2 meters would require the fan on
> such a short
> transmission. I assumed heat dissipation would be better, I guess
> if you have
> a fan you don't have to design great heat sinks.
>
> Thanks again.
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

29971. Re: [FT897] Re:FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-06 18:22:12 UTC
From: Gary Altig
Topic: 29953 Message: 29971

DE N7UVL,
I find it typical of most the newer (non-back packing)
Yaesu Radio "Fans" to automatically turn on during a
100 % duty cycle transmission. Its not limited to the
FT-897./ga

----- Original Message -----
From: David Okrent<mailto:dokrent@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, May 06, 2010 7:49 AM
Subject: [FT897] Re:FM TX on 2m and 70cm

Thanks all that replied. Yes, I am aware of the difference between SSB and FM with regards carrier and side band operation, I was just surprised that a rig designed for 100 W or 50 W on 2 meters would require the fan on such a short transmission. I assumed heat dissipation would be better, I guess if you have a fan you don't have to design great heat sinks.

Thanks again.

[Non-text portions of this message have been removed]

29972. RE: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 20:24:27 UTC
From: Mike Ernst
Topic: 29960 Message: 29972

All,

I agree that it is not directly related to the FT-897. But gentlemen -are you really all that busy that you don't have time to delete an email if you don't want to read it? It's one thing if it is some junk mail or potential virus carrier. But after all isn't the purpose of the FT-897 group to help us further a "hobby"? And isn't that hobby all about talking to others on the air?

There are a few of you on this group who never cease to amaze me. I can tell you one thing - if I ever hear you calling CQ, don't expect me to return the call. I'd be afraid you will have something negative to say to me.

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Carl Wulfestieg
Sent: Thursday, May 06, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] hams needed all over the world

I agree- It's SPAM- It is not on the topic of FT-897 88 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29973. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 20:41:06 UTC
From: DALE
Topic: 29960 Message: 29973

Ham radio is a hobby, not a emergency service,
This list is not a twitter service.
dale

----- Original Message -----
From: "Mike Ernst" <ae8u@fuse.net>
To: FT897@yahoogroups.com
Sent: Thursday, May 6, 2010 1:24:27 PM GMT -08:00 US/Canada Pacific
Subject: RE: [FT897] hams needed all over the world

All,

I agree that it is not directly related to the FT-897. But gentlemen -are you really all that busy that you don't have time to delete an email if you don't want to read it? It's one thing if it is some junk mail or potential virus carrier. But after all isn't the purpose of the FT-897 group to help us further a "hobby"? And isn't that hobby all about talking to others on the air?

There are a few of you on this group who never cease to amaze me. I can tell you one thing - if I ever hear you calling CQ, don't expect me to return the call. I'd be afraid you will have something negative to say to me.

Mike, AE8U

_____

From: FT897@yahoogroups.com [mailto: FT897@yahoogroups.com] On Behalf Of Carl Wulfestieg
Sent: Thursday, May 06, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] hams needed all over the world

I agree- It's SPAM- It is not on the topic of FT-897 88 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29974. Re: [FT897] spam not needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 20:51:18 UTC
From: Dean Gibson AE7Q
Topic: 29960 Message: 29974

I think the moderator (Barry W4WB) needs to step in here and clarify the policy.

I for one am NOT interested in opening the door to read about everyone's pet cause, amateur-related or otherwise. I'm also getting tired of reading "signatures" which attempt to accomplish the same thing.

-- Dean

ps: Note that I spent three years working for a non-profit humanitarian relief organization, at 60% of normal industry salary, because I believed in the work. That doesn't mean I'm entitled to shill for them (or anyone else) here.

29975. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-06 21:01:46 UTC
From: ZephyrNYC
Topic: 29960 Message: 29975

Dennis,

"First, how does this pertain to the 897?"

#1 All members of this group have an interest in the Yaesu FT-897.

#2 Every person who legally transmits on an 897 must have an amateur radio license.

#3 This organization is asking for assistance from licensed hams to assist distressed victims in various disaster areas around the world.

'Second, check the definition of "SPAM". It is something along the lines of " un-solicited email or messages".'

Below is the Random House dictionary's definition:

Spam [spam] <http://dictionary.reference.com/help/luna/Spell_pron_key.html>
Show IPA noun, verb, spammed, spam·ming.
1.
Trademark . a canned food product consisting esp. of porkformed into a solid block.
–noun
2.
(lowercase) a disruptive, esp. commercial message postedon a computer network or sent as e-mail.

*Origin: *
(def. 1) sp(iced) + (h)am; <http://dictionary.reference.com/browse/ham>
(other defs.) 1990–95; referring to acomedy routine on Monty Python's Flying Circus, Brit. TV series
Dictionary.com Unabridged
Based on the Random House Dictionary, © Random House, Inc. 2010.

#4 Last time I checked, I didn't attach any pork products to my original email.

#5 If you find my email disruptive, then it fits the definition. However, my email is NOT commercial in nature. I have no financial interest in the organization, which is a charity (non-profit) anyway. Is every single post to this group solicited by you? I don't know about you all, but I don't read or have an interest in every single post to the group. Do you know what I do with those uninteresting posts? I simply do not read, then I DELETE them.

But if you think it's spam, then it's spam. Would you like to know what I do when I receive spam? If it's not in the spam folder, I mark it as spam.

Would you like to know what I do next? I don't deride or otherwise attack the sender of the email. I DELETE it.

"Ham radio is a hobby, not a emergency service,
This list is not a twitter service.
dale "

#6 I never asked anyone to relay emergency communications or to respond to an emergency.

#7 I never stated that this group is "a twitter service", or sent tweets to this group as if it were my Twitter account.

No matter what you type, I am going to continue to help people who need it. If you want pix or updates from my future (or past) trips overseas or in CONUS, send me a personal email. Thanks for everything. I'm outta this group. Peace!

I have a very strong feeling that the opposite of love is not hate – it's apathy. It's not giving a damn.

- Leo Buscaglia <http://en.wikiquote.org/wiki/Leo_Buscaglia>

*
*
*
*
73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yahoo group for helping hams (amateur radio operators) and non-hams alike at http://groups.yahoo.com/group/HamRadioHelpGroup/ or email HamRadioHelpGroup-subscribe@yahoogroups.com .

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.yahoo.com/group/FT-857/ or email
FT-857-subscribe@yahoogroups.com .

On Thu, May 6, 2010 at 11:55, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> I agree- It's SPAM- It is not on the topic of FT-897 88 Carl WZ4CW
>
>

[Non-text portions of this message have been removed]

29976. Interface Problem

Yahoo group: FT897 (2010)
Date: 2010-05-07 15:25:46 UTC
From: Noel Zeibari
Topic: 29976 Message: 29976

Hi,

Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?

Noel (OM) N3NZ

[Non-text portions of this message have been removed]

29977. Re: [FT897] spam not needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-07 15:33:56 UTC
From: Bryce Anderson
Topic: 29960 Message: 29977

I couldn't agree more

Bryce
K6TI

On Thu, May 6, 2010 at 1:51 PM, Dean Gibson AE7Q <yahoo@...> wrote:

>
>
> I think the moderator (Barry W4WB) needs to step in here and clarify the
> policy.
>
> I for one am NOT interested in opening the door to read about everyone's
> pet cause, amateur-related or otherwise. I'm also getting tired of
> reading "signatures" which attempt to accomplish the same thing.
>
> -- Dean
>
> ps: Note that I spent three years working for a non-profit humanitarian
> relief organization, at 60% of normal industry salary, because I
> believed in the work. That doesn't mean I'm entitled to shill for them
> (or anyone else) here.
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

29978. Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 16:38:59 UTC
From: Sean
Topic: 29978 Message: 29978

I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
Sean / W7TRD

29979. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 17:04:15 UTC
From: Ron Bondy
Topic: 29978 Message: 29979

Hi Sean,

I think you mean a 'diplexer'. Actually there is a good article in the current QST on the difference between a diplexer and a duplexer.

I'd say you can use either a separate run of coax and an antenna switch or a diplexer at the antenna.

I would think it's easier to try the diplexer first. But if you've got say 100 ft of 10 year old RG-58 you should consider getting better newer coax for 6m and using an antenna switch at your radio to choose the antenna.

73's,

Ron

From: Sean <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Fri, May 7, 2010 11:38:59 AM
Subject: [FT897] Antenna switch??

I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
Sean / W7TRD

[Non-text portions of this message have been removed]

29980. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 17:00:57 UTC
From: af2c@njdxa.org
Topic: 29978 Message: 29980

A good quality coax switch will do the job. Quality is important, especially if being used a higher frequencies where loss becomes a problem with anything placed in the line (Including connectors) between the antenna and the rig.

Use brand names where insertion loss is given within the specifications for the switch.

73,
Jay/AF2C

At 04:38 PM 5/7/2010 +0000, you wrote:
>
>
>I would like to run a 6 meter loop antenna in addition to my HF antenna
>setup. Do I just need a coax/antenna switch or do I need a duplexer?
>Sean / W7TRD

29981. Re: Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 18:37:45 UTC
From: Sean
Topic: 29978 Message: 29981

Any suggested or perfered antenna/coax switches?

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> A good quality coax switch will do the job. Quality is important,
> especially if being used a higher frequencies where loss becomes a problem
> with anything placed in the line (Including connectors) between the antenna
> and the rig.
>
> Use brand names where insertion loss is given within the specifications for
> the switch.
>
> 73,
> Jay/AF2C
>
>
>
>
> At 04:38 PM 5/7/2010 +0000, you wrote:
> >
> >
> >I would like to run a 6 meter loop antenna in addition to my HF antenna
> >setup. Do I just need a coax/antenna switch or do I need a duplexer?
> >Sean / W7TRD
>

29982. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 19:02:56 UTC
From: Danny Loyd
Topic: 29978 Message: 29982

You need a diplexer. This allows you to run the HF and 6 meter to the rig on one coax from the tower. Just read the article last month in QST explaining the difference between a diplexer and a duplexer. The duplexer is a big piece of equipment used on repeaters.

Danny
KE5WDI

_____
From: Sean <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Fri, May 7, 2010 11:38:59 AM
Subject: [FT897] Antenna switch??

I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
Sean / W7TRD

[Non-text portions of this message have been removed]

29983. Re: Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 20:02:35 UTC
From: Sean
Topic: 29978 Message: 29983

Thank you!
I read that article a few weeks ago, but it never dawned on me. "duh".
Thanks again!

Sean
W7TRD
--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> You need a diplexer. This allows you to run the HF and 6 meter to the rig on one coax from the tower. Just read the article last month in QST explaining the difference between a diplexer and a duplexer. The duplexer is a big piece of equipment used on repeaters.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Fri, May 7, 2010 11:38:59 AM
> Subject: [FT897] Antenna switch??
>
> Â
> I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
> Sean / W7TRD
>
>
>
>
> [Non-text portions of this message have been removed]
>

29984. Re: Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 21:06:38 UTC
From: Sean
Topic: 29978 Message: 29984

I have a LDG AT-200 PRO. Although I would need to select between the two antenna outputs, would this unit suffice as the Diplexer?
Thanks for all the help!
Sean / W7TRD
73

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> You need a diplexer. This allows you to run the HF and 6 meter to the rig on one coax from the tower. Just read the article last month in QST explaining the difference between a diplexer and a duplexer. The duplexer is a big piece of equipment used on repeaters.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Fri, May 7, 2010 11:38:59 AM
> Subject: [FT897] Antenna switch??
>
> Â
> I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
> Sean / W7TRD
>
>
>
>
> [Non-text portions of this message have been removed]
>

29985. Re: [FT897] Re: Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-07 21:18:18 UTC
From: Alan E. Lutz
Topic: 29978 Message: 29985

Sean,

You can use the LDG's switch, but this will require two full length antenna cables. If you use the diplexers as shown in the article, you could get by with much less coax as the two antennas would share a common feed line. If you don't mind running additional coax, do the math and determine which way is the most economical. Since the tuner already has an antenna switch, you won't have to buy another.

73 de Alan
AE1NH

----- Original Message -----
From: Sean
To: FT897@yahoogroups.com
Sent: Friday, May 07, 2010 5:06 PM
Subject: [FT897] Re: Antenna switch??

I have a LDG AT-200 PRO. Although I would need to select between the two antenna outputs, would this unit suffice as the Diplexer?
Thanks for all the help!
Sean / W7TRD
73

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> You need a diplexer. This allows you to run the HF and 6 meter to the rig on one coax from the tower. Just read the article last month in QST explaining the difference between a diplexer and a duplexer. The duplexer is a big piece of equipment used on repeaters.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Fri, May 7, 2010 11:38:59 AM
> Subject: [FT897] Antenna switch??
>
> Â
> I would like to run a 6 meter loop antenna in addition to my HF antenna setup. Do I just need a coax/antenna switch or do I need a duplexer?
> Sean / W7TRD
>

>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

29986. FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-08 15:16:46 UTC
From: amccom2
Topic: 29986 Message: 29986

Fellow hams.
Has anyone solved their feedback problem or had one.
On my base station... I never operate mobile, on 160 and sometimes on 75 meters after a nice 1:1 swr load up... it goes exponential and shuts down. antenna is 400 plus foot loop with tuner at the antenna end not the transmitter. grounded even my bid toe and ferites every where.
Boy do i hate this solid state junk. Never ever had these problems with reliable tubes...
Not a mismatch at antenna. The turner is at the base of the antenna and station about 50 feet of coax.
73
K9bw

29987. FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-08 15:24:44 UTC
From: Dan Schaaf
Topic: 29987 Message: 29987

Don't blame the solid state gear if you have a mismatch. The mismatch will be there even if you have a tube rig. The diference is that tubes will tolerate some mismatch before they burn out from reflected power repeatedly. But then, so will solid state gear, just sooner. Solve the mismatch problem first.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

[Non-text portions of this message have been removed]

29988. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 15:43:55 UTC
From: Michael Walker
Topic: 29978 Message: 29988

Sean

Your choice. Diplexers are great because you won't forget to change the switch. However, there is some loss through them 1-2db max.

You can actually run a diplexer at the FAR end and have the HF and 6M antenna connected to the diplexor on the outside. Saves coax costs and runs.

Mike VA3MW

Coax switches like the CS201 are cheaper.

Ron Bondy wrote:
>
>
> Hi Sean,
>
> I think you mean a 'diplexer'. Actually there is a good article in
> the current QST on the difference between a diplexer and a duplexer.
>
> I'd say you can use either a separate run of coax and an antenna
> switch or a diplexer at the antenna.
>
> I would think it's easier to try the diplexer first. But if you've
> got say 100 ft of 10 year old RG-58 you should consider getting better
> newer coax for 6m and using an antenna switch at your radio to choose
> the antenna.
>
> 73's,
>
> Ron
>
> _____
> From: Sean <kamaaina1@... <mailto:kamaaina1%40comcast.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Fri, May 7, 2010 11:38:59 AM
> Subject: [FT897] Antenna switch??
>
>
> I would like to run a 6 meter loop antenna in addition to my HF
> antenna setup. Do I just need a coax/antenna switch or do I need a
> duplexer?
> Sean / W7TRD
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

29989. Re: [FT897] FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-08 15:48:36 UTC
From: Michael Walker
Topic: 29986 Message: 29989

Are you talking RFI?

Yep, tube radios/finals were much more forgiving for matching loads.

Have you tried the Radioworks
(http://www.radioworks.com/nbalun.html#RFIapplications) Line
Isolators. They have helped me many times.

The MFJ954 is great for measuring RF current problems.

What sort of tuner is at the antenna?

Mike VA3MW

amccom2 wrote:
>
>
> Fellow hams.
> Has anyone solved their feedback problem or had one.
> On my base station... I never operate mobile, on 160 and sometimes on
> 75 meters after a nice 1:1 swr load up... it goes exponential and
> shuts down. antenna is 400 plus foot loop with tuner at the antenna
> end not the transmitter. grounded even my bid toe and ferites every
> where.
> Boy do i hate this solid state junk. Never ever had these problems
> with reliable tubes... Not a mismatch at antenna. The turner is at the
> base of the antenna and station about 50 feet of coax.
> 73
> K9bw
>
>
>

[Non-text portions of this message have been removed]

29990. Re: Power on off switch

Yahoo group: FT897 (2010)
Date: 2010-05-08 16:20:02 UTC
From: wlathan2005
Topic: 26342 Message: 29990

Did you ever discover a solution to your blank display problem? I ask because the identical thing started with my 897D yesterday.

Thanks,

Bill, AK5K

--- In FT897@yahoogroups.com, "riley_75j" <klinglerj@...> wrote:
>
> When I power off my rig the display goes blank but is still lit, if I try to power back on it wont come back on. I have to turn the power supply off then back on and then the rig powers up.
> Does anyone have this problem or heard of this and what could it be?
>

29991. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 16:38:12 UTC
From: af2c@njdxa.org
Topic: 29978 Message: 29991

Looks good Mike -

However, there have been some problems the rotating contact finger, but all-in-all not bad.

My preference is the old Heathkit 5-position (HD-1234) switches...If you can find them. Relatively low insertion loss at VHF and UHF frequencies and rated at 2 KW.

Normal going price is $15-$20 (US). Been using them for over 30 years?

73,
Jay/AF2C

>
>
>Sean
>
>Your choice. Diplexers are great because you won't forget to change the
>switch. However, there is some loss through them 1-2db max.
>
>You can actually run a diplexer at the FAR end and have the HF and 6M
>antenna connected to the diplexor on the outside. Saves coax costs and
>runs.
>
>Mike VA3MW
>
>Coax switches like the CS201 are cheaper.
>
>Ron Bondy wrote:
> >
> >
> > Hi Sean,
> >
> > I think you mean a 'diplexer'. Actually there is a good article in
> > the current QST on the difference between a diplexer and a duplexer.
> >
> > I'd say you can use either a separate run of coax and an antenna
> > switch or a diplexer at the antenna.
> >
> > I would think it's easier to try the diplexer first. But if you've
> > got say 100 ft of 10 year old RG-58 you should consider getting better
> > newer coax for 6m and using an antenna switch at your radio to choose
> > the antenna.
> >
> > 73's,

> >
> > Ron
> >
> > _____
> > From: Sean <<mailto:kamaaina1%40comcast.net>kamaaina1@...
> <mailto:kamaaina1%40comcast.net>>
> > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>
> > Sent: Fri, May 7, 2010 11:38:59 AM
> > Subject: [FT897] Antenna switch??
> >
> >
> > I would like to run a 6 meter loop antenna in addition to my HF
> > antenna setup. Do I just need a coax/antenna switch or do I need a
> > duplexer?
> > Sean / W7TRD
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>[Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29992. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 16:49:46 UTC
From: DALE
Topic: 29978 Message: 29992

----- Original Message -----
From: "Michael Walker" <va3mw@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 8, 2010 8:43:55 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Antenna switch??

Sean

Your choice. Diplexers are great because you won't forget to change the switch. However, there is some loss through them 1-2db max.

You can actually run a diplexer at the FAR end and have the HF and 6M antenna connected to the diplexor on the outside. Saves coax costs and runs.

Mike VA3MW

My diplexers cost a lot more than my coax.

Dale

[Non-text portions of this message have been removed]

29993. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 17:14:23 UTC
From: Michael Walker
Topic: 29978 Message: 29993

I have a few of those as well. I use them for automated remote control
with my KRC2 from Elekraft.

Mike

af2c@... wrote:
>
>
> Looks good Mike -
>
> However, there have been some problems the rotating contact finger, but
> all-in-all not bad.
>
> My preference is the old Heathkit 5-position (HD-1234) switches...If you
> can find them. Relatively low insertion loss at VHF and UHF frequencies
> and rated at 2 KW.
>
> Normal going price is $15-$20 (US). Been using them for over 30 years?
>
> 73,
> Jay/AF2C
>
> >
> >
> >Sean
> >
> >Your choice. Diplexers are great because you won't forget to change the
> >switch. However, there is some loss through them 1-2db max.
> >
> >You can actually run a diplexer at the FAR end and have the HF and 6M
> >antenna connected to the diplexor on the outside. Saves coax costs and
> >runs.
> >
> >Mike VA3MW
> >
> >Coax switches like the CS201 are cheaper.
> >
> >Ron Bondy wrote:
> > >
> > >
> > > Hi Sean,
> > >
> > > I think you mean a 'diplexer'. Actually there is a good article in
> > > the current QST on the difference between a diplexer and a duplexer.
> > >

> > > I'd say you can use either a separate run of coax and an antenna
> > > switch or a diplexer at the antenna.
> > >
> > > I would think it's easier to try the diplexer first. But if you've
> > > got say 100 ft of 10 year old RG-58 you should consider getting better
> > > newer coax for 6m and using an antenna switch at your radio to choose
> > > the antenna.
> > >
> > > 73's,
> > >
> > > Ron
> > >
> > > _____
> > > From: Sean <<mailto:kamaaina1%40comcast.net>kamaaina1@...
> <mailto:kamaaina1%40comcast.net>
> > <mailto:kamaaina1%40comcast.net>>
> > > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com>
> > > Sent: Fri, May 7, 2010 11:38:59 AM
> > > Subject: [FT897] Antenna switch??
> > >
> > >
> > > I would like to run a 6 meter loop antenna in addition to my HF
> > > antenna setup. Do I just need a coax/antenna switch or do I need a
> > > duplexer?
> > > Sean / W7TRD
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> >
> >[Non-text portions of this message have been removed]
> >
> >
>
> ----------
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29994. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 17:15:03 UTC
From: Michael Walker
Topic: 29978 Message: 29994

Hmmmm ... Maybe you are not spending enough on your coax! ;)

Mike

DALE wrote:
>
>
>
> ----- Original Message -----
> From: "Michael Walker" <va3mw@...
> <mailto:va3mw%40portcredit.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Saturday, May 8, 2010 8:43:55 AM GMT -08:00 US/Canada Pacific
> Subject: Re: [FT897] Antenna switch??
>
> Sean
>
> Your choice. Diplexers are great because you won't forget to change the
> switch. However, there is some loss through them 1-2db max.
>
> You can actually run a diplexer at the FAR end and have the HF and 6M
> antenna connected to the diplexor on the outside. Saves coax costs and
> runs.
>
> Mike VA3MW
>
> My diplexers cost a lot more than my coax.
>
> Dale
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

29995. Re: [FT897] Antenna switch??

Yahoo group: FT897 (2010)
Date: 2010-05-08 17:30:20 UTC
From: DALE
Topic: 29978 Message: 29995

----- Original Message -----
From: "Michael Walker" <va3mw@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 8, 2010 10:15:03 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Antenna switch??

Hmmmm ... Maybe you are not spending enough on your coax! ;)

Mike

Using 1/2 in hard line.

Dale

[Non-text portions of this message have been removed]

29996. Re: [FT897] hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-07 08:37:10 UTC
From: Geoff Carmont
Topic: 29960 Message: 29996

Goodbye.

A long winded Dummy-spit, unnecessary.

Geoff vk2agc

----- Original Message -----
From: "ZephyrNYC" <ZephyrNYC@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, May 06, 2010 9:01 PM
Subject: Re: [FT897] hams needed all over the world

Dennis,

"First, how does this pertain to the 897?"

#1 All members of this group have an interest in the Yaesu FT-897.

#2 Every person who legally transmits on an 897 must have an amateur radio license.

#3 This organization is asking for assistance from licensed hams to assist distressed victims in various disaster areas around the world.

'Second, check the definition of "SPAM". It is something along the lines of " un-solicited email or messages".'

Below is the Random House dictionary's definition:

Spam [spam]
<http://dictionary.reference.com/help/luna/Spell_pron_key.html>
Show IPA noun, verb, spammed, spam·ming.
1.
Trademark . a canned food product consisting esp. of porkformed into a solid block.
–noun
2.
(lowercase) a disruptive, esp. commercial message postedon a computer network or sent as e-mail.

*Origin: *
(def. 1) sp(iced) + (h)am; <http://dictionary.reference.com/browse/ham>
(other defs.) 1990–95; referring to acomedy routine on Monty Python's Flying Circus, Brit. TV series
Dictionary.com Unabridged
Based on the Random House Dictionary, © Random House, Inc. 2010.

#4 Last time I checked, I didn't attach any pork products to my original email.

#5 If you find my email disruptive, then it fits the definition. However, my email is NOT commercial in nature. I have no financial interest in the organization, which is a charity (non-profit) anyway. Is every single post to this group solicited by you? I don't know about you all, but I don't read or have an interest in every single post to the group. Do you know what I do with those uninteresting posts? I simply do not read, then I DELETE them.

But if you think it's spam, then it's spam. Would you like to know what I do when I receive spam? If it's not in the spam folder, I mark it as spam. Would you like to know what I do next? I don't deride or otherwise attack the sender of the email. I DELETE it.

"Ham radio is a hobby, not a emergency service,
This list is not a twitter service.
dale "

#6 I never asked anyone to relay emergency communications or to respond to an emergency.

#7 I never stated that this group is "a twitter service", or sent tweets to this group as if it were my Twitter account.

No matter what you type, I am going to continue to help people who need it. If you want pix or updates from my future (or past) trips overseas or in CONUS, send me a personal email. Thanks for everything. I'm outta this group. Peace!

I have a very strong feeling that the opposite of love is not hate – it's apathy. It's not giving a damn.

- Leo Buscaglia <http://en.wikiquote.org/wiki/Leo_Buscaglia>

*
*
*
*
73,
Frank

"Security is mostly a superstition. Avoiding danger is no safer in the long run than outright exposure. Life is either a daring adventure or nothing."

- Helen Keller (1880-1968), The Open Door

Join the largest Yahoo group for helping hams (amateur radio operators) and non-hams alike at http://groups.yahoo.com/group/HamRadioHelpGroup/ or email HamRadioHelpGroup-subscribe@yahoogroups.com .

Join the largest Yaesu FT-857 group on Yahoo at
http://groups.yahoo.com/group/FT-857/ or email

FT-857-subscribe@yahoogroups.com .

On Thu, May 6, 2010 at 11:55, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> I agree- It's SPAM- It is not on the topic of FT-897 88 Carl WZ4CW
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Internal Virus Database is out of date.
Checked by AVG - www.avg.com
Version: 8.5.1 / Virus Database: 270.11.4/1978 - Release Date: 03/01/09
07:04:00

29997. Re: [FT897] MFJ-929 Auto Tuner-SignalLink USB- FT-897D

Yahoo group: FT897 (2010)
Date: 2010-04-28 15:31:24 UTC
From: Dan Schaaf
Topic: 29884 Message: 29997

Noel

Look at www.philcovington.com and find N8VBvCOM
It is a virtual port for one USB to 2 devices.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com
----- Original Message -----
From: Noel Zeibari
To: FT897@yahoogroups.com
Sent: Wednesday, April 28, 2010 11:10 AM
Subject: [FT897] MFJ-929 Auto Tuner-SignalLink USB- FT-897D

I have been using the FT-897 and signallink for over a year now.

I am acquiring an MFJ-929 auto tuner. Is there a Y splitter to combine the Tuner and the Signallink

data cables to the radio jack, or any other solutions?

Noel (OM) N3NZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

29998. Re: [FT897] Rt Systems USB cable issue

Yahoo group: FT897 (2010)
Date: 2010-04-28 12:56:58 UTC
From: Alan E. Lutz
Topic: 29878 Message: 29998

Dan,

I am using the RT Systems USB -62 cable that was bundled with the their FT-897 control software as sold by Yaesu . For the cable to work with HRD , you will need to first install the RTS USB driver found at...

http :// www . rtsystemsinc .com/index. cfm

Click on "Install USB Drivers" on the left side of the display.

Next you will need to run an executable to search for the serial port that the USB driver will emulate. The instructions are found here...

http :// www . rtsystemsinc .com/ USBTester_template . cfm

Once the driver is installed and you find out its serial port number, start HRD and set it up using that serial port number.

I have had HRD occasionally lock up on me, requiring a re-boot, but I attribute it to the anti-virus that my ISP installed that has caused other computer issues since.

Good luck.

73 de Alan

AE1NH

----- Original Message -----
From: "Dan Schaaf " <dan-schaaf@ att .net>
To: FT897@ yahoogroups .com
Sent: Wednesday, April 28, 2010 8:37:05 AM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] Rt Systems USB cable issue

Alan

Is this cable for CAT control only or other functions?

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www .k3zxl.com

[Non-text portions of this message have been removed]

-- ·–'–· -- –

Reply to sender | Reply to group | Reply via web post | Start a New Topic Messages in this topic (5)
Recent Activity:

• New Members 22

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Hobbies & Activities Zone: Find others who share your passions! Explore new interests.
Yahoo! Groups
Switch to: Text-Only , Daily Digest • Unsubscribe • Terms of Use

.

__ ’-·-’ __ _

[Non-text portions of this message have been removed]

29999. Re: No Transmit

Yahoo group: FT897 (2010)
Date: 2010-05-05 16:10:41 UTC
From: ei9feb
Topic: 18894 Message: 29999

--- In FT897@yahoogroups.com, "ei9feb" <ei9feb@...> wrote:

> nothing connected except PSU/Battery and dummy load.
>
> Tried Mic, jack and CAT cable in turn. All work with FT817ND.
>
>
> sits with Green RX led on and RX on speaker. :-(

The owner is sending it to Yaesu UK. I'll post if I hear what the problem was.

30000. Re: FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-09 03:40:18 UTC
From: ai4wu
Topic: 29986 Message: 30000

Assuming the RF is getting into your shack via the transmission line, you might try a 1:1 balun before the coax enters the shack. You can make one from several turns of coax pretty easily. Just Google coax balun.

--- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
>
> Fellow hams.
> Has anyone solved their feedback problem or had one.
> On my base station... I never operate mobile, on 160 and sometimes on 75 meters after a nice 1:1 swr load up... it goes exponential and shuts down. antenna is 400 plus foot loop with tuner at the antenna end not the transmitter. grounded even my bid toe and ferites every where.
> Boy do i hate this solid state junk. Never ever had these problems with reliable tubes...
Not a mismatch at antenna. The turner is at the base of the antenna and station about 50 feet of coax.
> 73
> K9bw
>

30001. Re: [FT897] Re: FM TX on 2m and 70cm

Yahoo group: FT897 (2010)
Date: 2010-05-06 15:29:23 UTC
From: mike white
Topic: 29953 Message: 30001

my ft 897 fan comes on all of the bands vhf to uhf,hf when i let go of the key the fan runs for about 30 seconds or so then it turns off that rig never did that till i had to replace a transister then the fan started to turn on every time i key the radio somebody told me there is a hidden menue to set the fan to turn on at a set time frame on the ft 897 and i never found that setting anywhere and the rig gets hot after a minute of transmit time

mike   kc8lum

From: W1AEX <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Wed, May 5, 2010 1:35:01 PM
Subject: [FT897] Re: FM TX on 2m and 70cm

It's normal. The higher duty cycle of FM, even at 30 watts, will cause the PA heatsink to warm up more quickly than SSB operation.

--- In FT897@yahoogroups. com, "David Okrent" <dokrent@... > wrote:
>
> Just looking for some reassurance.
>

[Non-text portions of this message have been removed]

30002. Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 01:01:40 UTC
From: rickdwyer49
Topic: 30002 Message: 30002

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

30003. Re: Interface Problem

Yahoo group: FT897 (2010)
Date: 2010-05-09 03:31:48 UTC
From: ai4wu
Topic: 29976 Message: 30003

I can't tell from the MFJ manual if it actually uses the data pins, but they do appear to be connected. That being the case, a Y cable may or may not work. The FT-897D also supports CAT connection via the microphone connector (menu 59), but you'll need to build or acquire a "splitter" or Y cable for that too. At one time, I built a breakout box using a CAT 5 cable and jack, but I don't use it anymore since I switched to the LDG AT-897 tuner that has an extra CAT port on it.

Chuck
AI4WU

--- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@...> wrote:
>
> Hi,
>
>
>
> Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?
>
>
>
> Noel (OM) N3NZ
>
>
> [Non-text portions of this message have been removed]
>

30004. ATAS-120A as primary antenna

Yahoo group: FT897 (2010)
Date: 2010-05-06 00:05:58 UTC
From: rickdwyer49
Topic: 30004 Message: 30004

I live in a deed restricted community and am considering the FT-897D with the ATAS-120A antenna for base use. I live in a deed restricted community and could install an antenna in the attic but the simpliciy of the ATAS-120A is very attractive. Do you think this would be a good choice of antennas as the only antenna? Would I also need the ATBK-100?

73
Rick, AJ4YF

30005. Re: [FT897] Re: Heil GM-5 and mic gain on the 897

Yahoo group: FT897 (2010)
Date: 2010-05-05 17:50:39 UTC
From: brian love
Topic: 29910 Message: 30005

i like to run my 897d on 60 and no Processor that's with my hm-10 with the hc-5 never ran the hc-4
73's kc9kuh

From: Jerry Lefever <jerrylefever@...>
To: FT897@yahoogroups.com
Sent: Wed, May 5, 2010 12:04:06 PM
Subject: Re: [FT897] Re: Heil GM-5 and mic gain on the 897

Larry
What are your other settings on the 897 for SSB? ie Processor level etc.

Jerry

> > Sean W7TRD
>
> I used to put my gain up to 85. I wondered the same thing so I emailed Bob
> Heil and they told me that the default settings are fine, so I put it back
> to 50. Workd fine, there was no difference between 85 and 50 from the
> reports I got.
>
> Larry / nr3r
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30006. New member

Yahoo group: FT897 (2010)
Date: 2010-05-07 15:54:14 UTC
From: rflistner
Topic: 20473 Message: 30006

I just purchased an FT-897, SN 5N6600xx. I've determind it was manufactured in Dec 2005. My plan is to mount it in a Cargo trailer my Girlfriend (KE7DOG) and I are renovating into an ARES/CERT trailer. I have had the Freeband Mod done. Are there any suggestions as to what else I should do, or get for this unit?

Gary KE7MQF

P.S. The multiple menu system is something to get use to.

30007. Re: [FT897] ATAS-120A as primary antenna

Yahoo group: FT897 (2010)
Date: 2010-05-09 05:23:10 UTC
From: Finnigann
Topic: 30004 Message: 30007

On Wed, 05 May 2010 20:05:58 -0400, rickdwyer49
<rickdwyer@hometownamerica.us> wrote:

>
> I live in a deed restricted community and am considering the FT-897D
> with the ATAS-120A antenna for base use. I live in a deed restricted
> community and could install an antenna in the attic but the simplicity
> of the ATAS-120A is very attractive. Do you think this would be a good
> choice of antennas as the only antenna? Would I also need the ATBK-100?

It's a good MOBILE antenna. But you can make it work better with ground
system. The same places that sell the antenna should also sell the radial
system that goes with it. You can prolly make something as efficient or
maybe even better on your own.

The ATAS 120 has the car's metal body to work off of.

Good luck.
>

> 73
> Rick, AJ4YF

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

30008. RE: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 05:40:18 UTC
From: Dennis
Topic: 30002 Message: 30008

Did you consider fighting the deed restriction? PRB-1 applies and your state may even have something similar. The ARRL can help, too. Check into it. You are a licensed ham and there are resources available to get you past deed restrictions. That way (if you plan on staying there a while) you can erect what antenna you want.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of rickdwyer49
Sent: Saturday, May 08, 2010 8:02 PM
To: FT897@yahoogroups.com
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

[Non-text portions of this message have been removed]

30009. Re: [FT897] ATAS-120A as primary antenna

Yahoo group: FT897 (2010)
Date: 2010-05-09 11:25:49 UTC
From: bobby
Topic: 30004 Message: 30009

A screwdriver antenna, whether manual or remotely driven mounted on a tripod with a ground system is a good hidden antenna. The ATAS 120 would be my LAST choice however. Remember the bigger the coil the more efficient the antenna will be. I use a MFJ 1664 on a tripod for portable use and it works real well. I use (6) 25 foot radials draped off of the tripod. I have worked into Europe and all around the US with this setup. If you want it remotely tuneable, check out the Alpine Antennas made by Wes. For the money you cannot beat this antenna. Get the one with the plexiglass cover, it is built like a tank. You can spend hundreds of dollars more and NOT get a better antenna!! Go to Alan's website, K0BG I think it is and read it thoroughly. Always remember, the larger the diameter of the coil and the length of the coil will normally give you a better system. Also, The longer the whip you use above the coil will also help. I would only use the ATAS 120 as a last resort with a home installation. Good luck with whatever you choose.
----- Original Message -----
From: rickdwyer49
To: FT897@yahoogroups.com
Sent: Wednesday, May 05, 2010 8:05 PM
Subject: [FT897] ATAS-120A as primary antenna

I live in a deed restricted community and am considering the FT-897D with the ATAS-120A antenna for base use. I live in a deed restricted community and could install an antenna in the attic but the simpliciy of the ATAS-120A is very attractive. Do you think this would be a good choice of antennas as the only antenna? Would I also need the ATBK-100?

73
Rick, AJ4YF

[Non-text portions of this message have been removed]

30010. Re: ATAS-120A as primary antenna

Yahoo group: FT897 (2010)
Date: 2010-05-09 12:08:14 UTC
From: Ken
Topic: 30004 Message: 30010

--- In FT897@yahoogroups.com, "rickdwyer49" <rickdwyer@...> wrote:
>
> I live in a deed restricted community and am considering the FT-897D with the ATAS-120A antenna for base use. I live in a deed restricted community and could install an antenna in the attic but the simpliciy of the ATAS-120A is very attractive. Do you think this would be a good choice of antennas as the only antenna? Would I also need the ATBK-100?
>
> 73
> Rick, AJ4YF
>
If possible, I would chose any type of horizontal antenna over a vertical for home use. Less noise !! At my last apartment I used a SGC 237 tuner with a five foot square loop with 80 foot of wire inside a window. Because of conditions over the last few years, I couldn't really tell how well it worked. Do a search for stealth antennas and you will get many hits.

30011. MODERATOR MESSAGE: HALT THREAD -- Re: hams needed all over the world

Yahoo group: FT897 (2010)
Date: 2010-05-09 12:52:57 UTC
From: w4wb
Topic: 29960 Message: 30011

Folks,

Kindly halt this thread.

This forum is not the place to solicit for other groups, discuss or make political statements, etc. This includes adding text to your signature line/block. Yes, it is just fine to state in your signature block your association with ham related organizations (e.g., MARS, ARRL, etc.) but please don't use this as a way to solicit for other organizations. See #9 of FT897 Group Guidelines.

Also, please try to ignore posts like the one that started the subject thread by not posting replys (use your delete key). It only fans the flames. I typically address the problem with the original poster directly (off the list).

Tnx es 73 de Barry W4WB, Moderator

30012. Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 15:39:19 UTC
From: Steve Yates
Topic: 30002 Message: 30012

I've found no relief yet for legal contracts that we sign into. At this time a federal license offers no ham protection for antenna restrictions in personal purchasing agreements.

PRB-1 and the ARRL can help you when it comes to city or state ordinances against antennas but they can do nothing for deed restrictions or HOA rules. You sign into those (whether you realized it or not) when you purchased the property and it is a legal contract that you agree to. I know that in most US cities it is nearly impossible not to have these agreements and if you want to have a home for your family you may not have much choice but to buy into one of these.

However, all is not lost if you haven't signed the contract yet. My home's HOA strictly prohibits antennas but I drew up the plans for a reasonable antenna and submitted it to the builder/HOA BEFORE I signed the contract and told them that my purchase of the house was dependent upon their approval of my antenna. They approved it with no problems because they wanted to sell the house.

Of course there is always the fun challenge of "stealth" antennas. It's actually pretty easy to get a "stealth" antenna to work but not so easy to eliminate the interference on receive from all of the RF sources in your house when your antenna is close to it. Also due to the close proximity you are much more likely to cause interference. These antenna rules can actually have the opposite effect in regards to interference. Of course most interference comes from antennas that can be seen, whether they are transmitting or not. ;-)

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Did you consider fighting the deed restriction? PRB-1 applies and your
> state may even have something similar. The ARRL can help, too. Check into
> it. You are a licensed ham and there are resources available to get you
> past deed restrictions. That way (if you plan on staying there a while) you
> can erect what antenna you want.
>
>
>
> Dennis - N8BMB

30013. RE: [FT897] Re: ATAS-120A as primary antenna

Yahoo group: FT897 (2010)
Date: 2010-05-09 18:04:30 UTC
From: Michael Hughey
Topic: 30004 Message: 30013

For a stealth 2m/70cm, I built a dual band J-pole out of 300 ohm twin lead and put it inside a length of pvc pipe. I used white, but you could use black as well. I duct taped it to the chimney of a flat roofed duplex I was renting and no one noticed it. It survive two Virginia hurricanes and a Nor 'easter before I took it down to move. I've heard of other people using pvc pipe to enclose HF verticals and disguise it as a flag pole. The HOA couldn't accuse you of being un-patrotic, now could they?
Mike - KF4DUS

-----Original Message-----
From: Ken <w2bdp@...>
Sent: Sunday, May 09, 2010 6:08
To: FT897@yahoogroups.com
Subject: [FT897] Re: ATAS-120A as primary antenna

--- In FT897@yahoogroups.com, "rickdwyer49" <rickdwyer@...> wrote:
>
> I live in a deed restricted community and am considering the FT-897D with the ATAS-120A antenna for base use. I live in a deed restricted community and could install an antenna in the attic but the simpliciy of the ATAS-120A is very attractive. Do you think this would be a good choice of antennas as the only antenna? Would I also need the ATBK-100?
>
> 73
> Rick, AJ4YF
>
If possible, I would chose any type of horizontal antenna over a vertical for home use. Less noise !! At my last apartment I used a SGC 237 tuner with a five foot square loop with 80 foot of wire inside a window. Because of conditions over the last few years, I couldn't really tell how well it worked. Do a search for stealth antennas and you will get many hits.

Reply to sender | Reply to group |

[The entire original message is not included]

[Non-text portions of this message have been removed]

30014. RE: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 20:14:40 UTC
From: Michael Hughey
Topic: 30002 Message: 30014

You need a duplexer for the ATAS-120, however, the guy at HRO Denver advised against it. I use an Arrow dual band J-pole in the shack and a Comet CSB-790a dual band vertical on my truck AND my 50cc scooter as well. To use HF while on my scooter, I have to stop for safety sake. I'll have to make some ground radials to put on the ATAS when I have it on the tripod, otherwise I use G5RV wire antenna in the shack.

Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@...>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups.com
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

30015. Re: Interface Problem

Yahoo group: FT897 (2010)
Date: 2010-05-09 12:34:28 UTC
From: Noel Zeibari
Topic: 29976 Message: 30015

Dan K3ZXL, Chuck AI4WU,

Thank you both for the info. After digging for more solutions I came across the W4RT

Site, describing the CAT-MATE as a splitter for the data port of the FT-897.

Unfortunately, at the end of the description it states that the CAT-MATE is not

Compatible when using the ?Tuner? function of the radio.

I was wondering if I modify the Cat cable FT62 to plug into the Mic Jack

And leave the MFJ Tuner Interface Cable hooked up to the Data Jack.

Would there be any conflict?

73, Noel (OM) N3NZ

==========

Noel

Look at www.philcovington.com and find N8VBvCOM
It is a virtual port for one USB to 2 devices.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com
==========
I can't tell from the MFJ manual if it actually uses the data pins, but they do appear to be connected. That being the case, a Y cable may or may not work. The FT-897D also supports CAT connection via the microphone connector (menu 59), but you'll need to build or acquire a "splitter" or Y cable for that too. At one time, I built a breakout box using a CAT 5 cable and jack, but I don't use it anymore since I switched to the LDG AT-897 tuner that has an extra CAT port on it.

Chuck
AI4WU

--- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@...> wrote:
>
> Hi,
>
> Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?

> Noel (OM) N3NZ

[Non-text portions of this message have been removed]

30016. Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 14:05:34 UTC
From: Lucas
Topic: 30002 Message: 30016

Hang on, let's be careful. While I certainly wish it did, PRB-1, does not cover privately made agreements like CC&Rs. From the discussion about PRB-1 on the FCC website:

"...the Commission expressly decided not to extend its limited preemption policy to covenants, conditions and restrictions (CC&Rs) in deeds and in condominium by-laws."

Either way, that page is great reading, as the 1985 article especially includes some very useful arguments in favor of permitting antennas. Here's a link:

http://wireless.fcc.gov/services/index.htm?job=prb-1&id=amateur&page=3

Best of luck Rick.

On topic, I've read bad things about the ATAS-120 for base usage. I've been using wires in the attic instead, but it sure would be nice if someone could come up with a reasonably priced, restricted situation antenna. Something like the ATAS, that tunes directly from the rig, but with more consistent base station performance. Maybe get that MFJ loop to autotune using the FT897 tune feature.

73s,

Lucas - KC9PBU
--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Did you consider fighting the deed restriction? PRB-1 applies and your
> state may even have something similar. The ARRL can help, too. Check into
> it. You are a licensed ham and there are resources available to get you
> past deed restrictions. That way (if you plan on staying there a while) you
> can erect what antenna you want.
>
>
>
> Dennis - N8BMB
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> rickdwyer49
> Sent: Saturday, May 08, 2010 8:02 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Newbe question about the 897D
>
>
>
>
>

> I am new to amateur radio and like the idea that the 897D covers the HF
> bands as well as 6m, 2m, and 70cm.
>
> Will the single ATAS-120A be good enough as the sole base station antenna to
> cover all those bands? The specs tell me that it will work but I wanted to
> hear from those that actually use this combination.
>
> 73
> Rick, AJ4YF
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30017. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-09 20:32:13 UTC
From: blownfuse
Topic: 30002 Message: 30017

What reason did he give for not using a duplexer ?

David
Wd8oss
----- Original Message -----
From: Michael Hughey
To: FT897@yahoogroups.com
Sent: Sunday, May 09, 2010 4:14 PM
Subject: RE: [FT897] Newbe question about the 897D

You need a duplexer for the ATAS-120, however, the guy at HRO Denver advised against it. I use an Arrow dual band J-pole in the shack and a Comet CSB-790a dual band vertical on my truck AND my 50cc scooter as well. To use HF while on my scooter, I have to stop for safety sake. I'll have to make some ground radials to put on the ATAS when I have it on the tripod, otherwise I use G5RV wire antenna in the shack.

Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@...>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups.com
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30018. FCC announces possible changes to 5 MHz band

Yahoo group: FT897 (2010)
Date: 2010-05-10 16:20:06 UTC
From: steve_ve6vs
Topic: 30018 Message: 30018

As reported by the ARRL

http://www.arrl.org/news/fcc-proposes-additions-changes-to-amateur-5-mhz-allocation

Since the 897/857 have these 'channels' embedded what will be the procedure to reprogram the radios and is there an expectation that Yaesu will ensure new radios from the factory will have the new allocation, assuming it passes.

30019. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 18:49:22 UTC
From: Gary Altig
Topic: 30002 Message: 30019

DE N7UVL,
To be more accurate- the term "non-repeater" should say
"fixed frequency radios". Which does include Repeaters./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 10, 2010 11:42 AM
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Sounds like Duplexer & Diplexer are getting mixed up again.
Of course you would not use a Duplexer with a non-repeater./ga

----- Original Message -----
From: blownfuse<mailto:blownfuse@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, May 09, 2010 1:32 PM
Subject: Re: [FT897] Newbe question about the 897D

What reason did he give for not using a duplexer ?

David
Wd8oss
----- Original Message -----
From: Michael Hughey
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, May 09, 2010 4:14 PM
Subject: RE: [FT897] Newbe question about the 897D

You need a duplexer for the ATAS-120, however, the guy at HRO Denver advised against it. I use an Arrow dual band J-pole in the shack and a Comet CSB-790a dual band vertical on my truck AND my 50cc scooter as well. To use HF while on my scooter, I have to stop for safety sake. I'll have to make some ground radials to put on the ATAS when I have it on the tripod, otherwise I use G5RV wire antenna in the shack.

Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@...<mailto:rickdwyer%40hometownamerica.us>>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30020. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 19:11:57 UTC
From: DALE
Topic: 30002 Message: 30020

----- Original Message -----
From: "Gary Altig" <garylaltig@...>
To: FT897@yahoogroups.com
Sent: Monday, May 10, 2010 11:49:22 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
To be more accurate- the term "non-repeater" should say
"fixed frequency radios". Which does include Repeaters./ga

----- Original Message -----
From: Gary Altig<mailto: garylaltig@... >
To: FT897@yahoogroups.com <mailto: FT897@yahoogroups.com >
Sent: Monday, May 10, 2010 11:42 AM
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Sounds like Duplexer & Diplexer are getting mixed up again.
Of course you would not use a Duplexer with a non-repeater./ga

I am using a duplexer to feed two radios into a single tri-band antenna.

I am using a diplexer to feed a dual band radio into separate vhf/uhf beam antennas .

All depends on how you want to use them.

Dale

–'---

[Non-text portions of this message have been removed]

30021. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 19:26:41 UTC
From: Gary Altig
Topic: 30002 Message: 30021

DE N7UVL,
Turning a "Diplexer' around does not make it a "Duplexer".
Duplexers are used to separate one individual frequency
from another. Not "Bands"./ga

----- Original Message -----
From: DALE<mailto:wa7ixk@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 10, 2010 12:11 PM
Subject: Re: [FT897] Newbe question about the 897D

----- Original Message -----
From: "Gary Altig" <garylaltig@...<mailto:garylaltig@...>>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 10, 2010 11:49:22 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
To be more accurate- the term "non-repeater" should say
"fixed frequency radios". Which does include Repeaters./ga

----- Original Message -----
From: Gary Altig<mailto: garylaltig@...<mailto:garylaltig%40msn.com> >
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com> <mailto:
FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com> >
Sent: Monday, May 10, 2010 11:42 AM
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Sounds like Duplexer & Diplexer are getting mixed up again.
Of course you would not use a Duplexer with a non-repeater./ga

I am using a duplexer to feed two radios into a single tri-band antenna.

I am using a diplexer to feed a dual band radio into separate vhf/uhf beam antennas .

All depends on how you want to use them.

Dale

–'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30022. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 19:47:03 UTC
From: Gary Altig
Topic: 30002 Message: 30022

DE N7UVL,
Again to be a bit more accurate: There are Pass Duplexers
& Notch Duplexers. Both have to be tuned. Which makes
them unsuitable for anything other than fixed frequencies.
A Band Pass filter will pass a "Band". A "Pass Duplexer" will
pass a narrow range of frequencies with a sharp enough
cutoff to allow non-interference of another frequency
nearby, such as the 600KHz off set of a Repeater.
-A Notch Duplexer is designed to notch out (filter out)
an individual frequency from interfering. Both are ment
for "same Band use".
-Diplexers can be used in "both" directions. "Band" Pass
to a radio or from a radio. And are ment for additional
Bands use.
-I suppose some one could have mislabeled a Diplexer as
a Duplexer. But Duplexers are called "cans" for a reason.
They look like a large can. and usually have one or more
tuning shafts at one end.
-Combiners use features of both Duplexers & Diplexers. A
main difference of combiners are they usually come as a
"bank" of combiners to run multiple systems to the same
antenna. But again, each one has to be tuned./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 10, 2010 12:26 PM
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Turning a "Diplexer' around does not make it a "Duplexer".
Duplexers are used to separate one individual frequency
from another. Not "Bands"./ga

----- Original Message -----
From: DALE<mailto:wa7ixk@...<mailto:wa7ixk@...>>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com><mailto:FT897@yahoogroups.com<mailt
o:FT897@yahoogroups.com>>
Sent: Monday, May 10, 2010 12:11 PM
Subject: Re: [FT897] Newbe question about the 897D

----- Original Message -----
From: "Gary Altig" <garylaltig@...<mailto:garylaltig%40msn.com><mailto:garylaltig@...<mail
to:garylaltig%40msn.com>>>
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mai
lto:FT897%40yahoogroups.com>>

Sent: Monday, May 10, 2010 11:49:22 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
To be more accurate- the term "non-repeater" should say
"fixed frequency radios". Which does include Repeaters./ga

----- Original Message -----
From: Gary Altig<mailto:
garylaltig@...<mailto:garylaltig%40msn.com><mailto:garylaltig%40msn.com> >
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>
<mailto:
FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com> >
Sent: Monday, May 10, 2010 11:42 AM
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Sounds like Duplexer & Diplexer are getting mixed up again.
Of course you would not use a Duplexer with a non-repeater./ga

I am using a duplexer to feed two radios into a single tri-band antenna.

I am using a diplexer to feed a dual band radio into separate vhf/uhf beam antennas .

All depends on how you want to use them.

Dale

–'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30023. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 20:02:15 UTC
From: DALE
Topic: 30002 Message: 30023

----- Original Message -----
From: "Gary Altig" <garylaltig@...>
To: FT897@yahoogroups.com
Sent: Monday, May 10, 2010 12:26:41 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Newbe question about the 897D

DE N7UVL,
Turning a "Diplexer' around does not make it a "Duplexer".
Duplexers are used to separate one individual frequency
from another. Not "Bands"./ga

They are used for both.

For narrow spaced repeaters they are tune for one frequency.

One I have separates below 460 and above 840, says Duplexer on the case.

I have a 5 meg split 450 duplexer that has no name on it .

Repeaters are called duplex radio systems because they use two frequencies,

whether they use two antenna's or one antenna and a duplexer.

Dale

[Non-text portions of this message have been removed]

30024. Duplexor/Diplexor WAS - Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 22:53:41 UTC
From: Finnigann
Topic: 30002 Message: 30024

On Sun, 09 May 2010 16:32:13 -0400, blownfuse <blownfuse@...>
wrote:

>
> What reason did he give for not using a duplexer ?

Perhaps he ment a diplexor. Which is what I use with my ATAS 120. QST has
a nice article in the last issue explaining the difference between the two
devices. (Duplexors are used mainly for repeaters)

Please folks use a subject line indicative of the message. At some future
point someone may want/need to search for your message. And looking for
Newbe (or Noob or some other variation) wont be very helpful. If you feel
the need to drift off the subject line topic, you can alter the subject
line. But it would be better (for continuity to just start a new thread).
It makes sorting messages allot easier for most mail reader programs.

-x-x-x-x-x-x-x-x-x-x-[snip]x-x-x-x-x-x-x-x-x-x-x-x-x-

You need a duplexer for the ATAS-120, however, the guy at HRO Denver
advised against it.
Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@...>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups.com
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF
bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna
to cover all those bands? The specs tell me that it will work but I wanted
to hear from those that actually use this combination.

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

[Non-text portions of this message have been removed]

30025. Re: Duplexor/Diplexor WAS - Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-11 01:32:23 UTC
From: Sean
Topic: 30002 Message: 30025

X2 on the QST article. Very straight forward & informative!!

--- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>
> On Sun, 09 May 2010 16:32:13 -0400, blownfuse <blownfuse@...>
> wrote:
>
> >
> > What reason did he give for not using a duplexer ?
>
> Perhaps he ment a diplexor. Which is what I use with my ATAS 120. QST has
> a nice article in the last issue explaining the difference between the two
> devices. (Duplexors are used mainly for repeaters)
>
> Please folks use a subject line indicative of the message. At some future
> point someone may want/need to search for your message. And looking for
> Newbe (or Noob or some other variation) wont be very helpful. If you feel
> the need to drift off the subject line topic, you can alter the subject
> line. But it would be better (for continuity to just start a new thread).
> It makes sorting messages allot easier for most mail reader programs.
>
> -x-x-x-x-x-x-x-x-x-x-x-[snip]x-x-x-x-x-x-x-x-x-x-x-x-x-
>
> You need a duplexer for the ATAS-120, however, the guy at HRO Denver
> advised against it.
> Mike - KF4DUS
>
> -----Original Message-----
> From: rickdwyer49 <rickdwyer@...>
> Sent: Saturday, May 08, 2010 19:01
> To: FT897@yahoogroups.com
> Subject: [FT897] Newbe question about the 897D
>
> I am new to amateur radio and like the idea that the 897D covers the HF
> bands as well as 6m, 2m, and 70cm.
>
> Will the single ATAS-120A be good enough as the sole base station antenna
> to cover all those bands? The specs tell me that it will work but I wanted
> to hear from those that actually use this combination.
>
> --
>
> 73'S
>
> DE KC8UGV

>
> Remembering our Vets - Then and Now
>
> [Non-text portions of this message have been removed]
>

30027. Re: [FT897] Duplexor/Diplexor WAS - Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-11 00:14:46 UTC
From: Michael Hughey
Topic: 30002 Message: 30027

That's what I meant, a Diplexer. I believe it had something to do with less wear and tear on the ATAS 120's motor if I were to use a separate antenna for VHF/UHF antenna. I've never plugged the ATAS into the VHF/UHF connector to see what the difference might be in range.

Mike - KF4DUS

_____
From: Finnigann <finnigann2580@gmail.com>
To: FT897@yahoogroups.com
Sent: Mon, May 10, 2010 4:53:41 PM
Subject: [FT897] Duplexor/Diplexor WAS - Newbe question about the 897D

On Sun, 09 May 2010 16:32:13 -0400, blownfuse <blownfuse@windstrea m.net>
wrote:

>
> What reason did he give for not using a duplexer ?

Perhaps he ment a diplexor. Which is what I use with my ATAS 120. QST has a nice article in the last issue explaining the difference between the two devices. (Duplexors are used mainly for repeaters)

Please folks use a subject line indicative of the message. At some future point someone may want/need to search for your message. And looking for Newbe (or Noob or some other variation) wont be very helpful. If you feel the need to drift off the subject line topic, you can alter the subject line. But it would be better (for continuity to just start a new thread). It makes sorting messages allot easier for most mail reader programs.

-x-x-x-x-x-x- x-x-x-x-x- [snip]x-x- x-x-x-x-x- x-x-x-x-x- x-

You need a duplexer for the ATAS-120, however, the guy at HRO Denver advised against it.
Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@hometowna merica.us>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups. com
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

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--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30028. Re: [FT897] Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-10 18:42:42 UTC
From: Gary Altig
Topic: 30002 Message: 30028

DE N7UVL,
Sounds like Duplexer & Diplexer are getting mixed up again.
Of course you would not use a Duplexer with a non-repeater./ga

----- Original Message -----
From: blownfuse<mailto:blownfuse@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, May 09, 2010 1:32 PM
Subject: Re: [FT897] Newbe question about the 897D

What reason did he give for not using a duplexer ?

David
Wd8oss
----- Original Message -----
From: Michael Hughey
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, May 09, 2010 4:14 PM
Subject: RE: [FT897] Newbe question about the 897D

You need a duplexer for the ATAS-120, however, the guy at HRO Denver advised against it. I use an Arrow dual band J-pole in the shack and a Comet CSB-790a dual band vertical on my truck AND my 50cc scooter as well. To use HF while on my scooter, I have to stop for safety sake. I'll have to make some ground radials to put on the ATAS when I have it on the tripod, otherwise I use G5RV wire antenna in the shack.

Mike - KF4DUS

-----Original Message-----
From: rickdwyer49 <rickdwyer@...<mailto:rickdwyer%40hometownamerica.us>>
Sent: Saturday, May 08, 2010 19:01
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] Newbe question about the 897D

I am new to amateur radio and like the idea that the 897D covers the HF bands as well as 6m, 2m, and 70cm.

Will the single ATAS-120A be good enough as the sole base station antenna to cover all those bands? The specs tell me that it will work but I wanted to hear from those that actually use this combination.

73
Rick, AJ4YF

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30029. Re: [FT897]

Yahoo group: FT897 (2010)
Date: 2010-05-11 06:19:52 UTC
From: Andy McMullin
Topic: 30029 Message: 30029

DON'T!

It's a SPAM pharmacy site.

On 11 May 2010, at 04:28, allod@... wrote:

> http://www.galerie125.fr/home.php
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30030. Re: [FT897] Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 06:32:28 UTC
From: Finnigann
Topic: 30002 Message: 30030

On Mon, 10 May 2010 20:14:46 -0400, Michael Hughey <rsq14emt@...>
wrote:

>
> That's what I meant, a Diplexer. I believe it had something to do with
> less wear and tear on the ATAS 120's motor if I were to use a separate
> antenna for VHF/UHF antenna. I've never plugged the ATAS into the
> VHF/UHF connector to see what the difference might be in range.

> Mike - KF4DUS

From the ATAS 120 manual:

For operation on the 144 and 430 MHz bands, in addition to
HF/50 MHz, you may wish to consider the purchase of a
“Diplexer” (for the FT-897 and FT-100/-100D)

If you do not have a Diplexer or Triplexer, the coaxial cable connector
from the ATAS-120
will have to be moved manually to the appropriate antenna
jack when you wish to operate on VHF or UHF.

From the 897D manual:

On the 144 MHz and 430 MHz bands, the ATAS-100/-
120 does not require a tuning process. SWR will be satisfactory
when the antenna is fully retracted.

>

> On Sun, 09 May 2010 16:32:13 -0400, blownfuse <blownfuse@windstrea
> m.net>wrote:

> >
> > What reason did he give for not using a duplexer ?

> Perhaps he ment a diplexor. Which is what I use with my ATAS 120. QST has
> a nice article in the last issue explaining the difference between the
> twodevices. (Duplexors are used mainly for repeaters)

> Please folks use a subject line indicative of the message. At some future
> point someone may want/need to search for your message. And looking for
> Newbe (or Noob or some other variation) wont be very helpful. If you feel
> the need to drift off the subject line topic, you can alter the subject
> line. But it would be better (for continuity to just start a new thread).
> It makes sorting messages allot easier for most mail reader programs.

> -x-x-x-x-x-x- x-x-x-x-x- [snip]x-x- x-x-x-x-x- x-x-x-x-x- x-

> You need a duplexer for the ATAS-120, however, the guy at HRO Denver
> advised against it.
> Mike - KF4DUS

> -----Original Message-----
> From: rickdwyer49 <rickdwyer@hometowna merica.us>
> Sent: Saturday, May 08, 2010 19:01
> To: FT897@yahoogroups. com
> Subject: [FT897] Newbe question about the 897D

> I am new to amateur radio and like the idea that the 897D covers the HF
> bands as well as 6m, 2m, and 70cm.

> Will the single ATAS-120A be good enough as the sole base station antenna
> to cover all those bands? The specs tell me that it will work but I
> wantedto hear from those that actually use this combination.

> --

> 73'S

> DE KC8UGV

> Remembering our Vets - Then and Now

> [Non-text portions of this message have been removed]

> [Non-text portions of this message have been removed]

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

30031. Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 07:16:21 UTC
From: g8hul
Topic: 30002 Message: 30031

I really would not get hung up nit picking about the precise definitions of Diplexer and Duplexer, the terms are use interchangeably by manufacturers. What one describes as a diplexer will be called a duplexer by another. In practical terms there is no difference.

Reagrds
Jeff

30032. Re: FCC announces possible changes to 5 MHz band

Yahoo group: FT897 (2010)
Date: 2010-05-11 07:19:41 UTC
From: g8hul
Topic: 30018 Message: 30032

--- In FT897@yahoogroups.com, "steve_ve6vs" <ve6vs@...> wrote:
>
> As reported by the ARRL
>
> http://www.arrl.org/news/fcc-proposes-additions-changes-to-amateur-5-mhz-allocation
>
> Since the 897/857 have these 'channels' embedded what will be the procedure to reprogram the radios and is there an expectation that Yaesu will ensure new radios from the factory will have the new allocation, assuming it passes.
>

Exactly what we have to do in the UK where the 5MHz channels are not the same as the 897's per-programmed channles; that is do the wide band mod.

73
Jeff

30033. RE: [FT897] Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 07:34:46 UTC
From: Eric van de Weyer
Topic: 30002 Message: 30033

Actually, Jeff, there is a big difference in that one is designed to allow simultaneous transmission and reception in one band on the one antenna (Duplexer as it allows duplex operation), which is used in a repeater, the other allows the splitting of two bands onto one feeder (Diplexer) or three bands (Triplexer).

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of g8hul
Sent: Tuesday, 11 May 2010 17:16
To: FT897@yahoogroups.com
Subject: [FT897] Re: Duplexor/Diplexor & V/UHF

I really would not get hung up nit picking about the precise definitions of Diplexer and Duplexer, the terms are use interchangeably by manufacturers. What one describes as a diplexer will be called a duplexer by another. In practical terms there is no difference.

Reagrds
Jeff

Yahoo! Groups Links

30034. Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 07:54:07 UTC
From: g8hul
Topic: 30002 Message: 30034

Well Eric, you had better tell all the manufacturers out there, because they use the term interchangeably.

Anyway what is the difference in allowing " simultaneous transmission and reception in one band" and "splitting of two bands onto one feeder"? Just your definition of what constitutes a 'band',(and perhaps the port to port isolation).

In the commercial world a device that allows simultaneous transmission and reception at VHF is still called a diplexer by a lot of manufacturers. The 'bands' are just 4MHz+ or so apart!!

For example Procomm call such a device a diplexer one place on the website and a duplexer in another. Spectrum Microwave just call them diplexers.

The reality is that no one really makes any distinction between the 2 terms.

73
Jeff

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Actually, Jeff, there is a big difference in that one is designed to allow
> simultaneous transmission and reception in one band on the one antenna
> (Duplexer as it allows duplex operation), which is used in a repeater, the
> other allows the splitting of two bands onto one feeder (Diplexer) or three
> bands (Triplexer).
>
> 73....Eric VK2VE.
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> g8hul
> Sent: Tuesday, 11 May 2010 17:16
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Duplexor/Diplexor & V/UHF
>
> I really would not get hung up nit picking about the precise definitions of
> Diplexer and Duplexer, the terms are use interchangeably by manufacturers.
> What one describes as a diplexer will be called a duplexer by another. In
> practical terms there is no difference.
>
> Reagrds
> Jeff
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>

30035. Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 10:13:29 UTC
From: Bernie
Topic: 30002 Message: 30035

The big difference between the duplexor and the diplexor is the size of the pocketbook needed to buy them. Duplexor less than $100 and the diplexor can be into the $1000's.

Bernie
W8NBC

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
> Well Eric, you had better tell all the manufacturers out there, because they use the term interchangeably.
>
> Anyway what is the difference in allowing " simultaneous transmission and reception in one band" and "splitting of two bands onto one feeder"? Just your definition of what constitutes a 'band',(and perhaps the port to port isolation).
>
> In the commercial world a device that allows simultaneous transmission and reception at VHF is still called a diplexer by a lot of manufacturers. The 'bands' are just 4MHz+ or so apart!!
>
> For example Procomm call such a device a diplexer one place on the website and a duplexer in another. Spectrum Microwave just call them diplexers.
>
> The reality is that no one really makes any distinction between the 2 terms.
>
> 73
> Jeff
>
> --- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@> wrote:
> >
> > Actually, Jeff, there is a big difference in that one is designed to allow
> > simultaneous transmission and reception in one band on the one antenna
> > (Duplexer as it allows duplex operation), which is used in a repeater, the
> > other allows the splitting of two bands onto one feeder (Diplexer) or three
> > bands (Triplexer).
> >
> > 73....Eric VK2VE.
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > g8hul
> > Sent: Tuesday, 11 May 2010 17:16
> > To: FT897@yahoogroups.com
> > Subject: [FT897] Re: Duplexor/Diplexor & V/UHF
> >

> > I really would not get hung up nit picking about the precise definitions of
> > Diplexer and Duplexer, the terms are use interchangeably by manufacturers.
> > What one describes as a diplexer will be called a duplexer by another. In
> > practical terms there is no difference.
> >
> > Reagrds
> > Jeff
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

30036. Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 10:31:49 UTC
From: Bernie
Topic: 30002 Message: 30036

hi hi, even I got that turned around. The diplexor would be the cheaper one and the duplexor is the expensive one.

Bernie
W8NBC

--- In FT897@yahoogroups.com, "Bernie" <pizzameister2001@...> wrote:
>
> The big difference between the duplexor and the diplexor is the size of the pocketbook needed to buy them. Duplexor less than $100 and the diplexor can be into the $1000's.
>
> Bernie
> W8NBC
>

30037. Re: [FT897] Re: Duplexor/Diplexor & V/UHF

Yahoo group: FT897 (2010)
Date: 2010-05-11 17:27:58 UTC
From: Gary Altig
Topic: 30002 Message: 30037

DE N7UVL,
At the risk of extending this thread further, there is a simple relatively non-technical definition for Diplexers & Duplexers:
-A diplexer is a passive device<http://en.wikipedia.org/wiki/Electronic_component> that implements frequency domain multiplexing<http://en.wikipedia.org/wiki/Multiplexing>. Two ports (e.g., L and H) are multiplexed onto a third port (e.g., S). The signals on ports L and H occupy disjoint frequency bands. Consequently, the signals on L and H can coexist on port S without interfering with each other.
-A duplexer is a device that allows bi-directional (duplex<http://en.wikipedia.org/wiki/Duplex_(telecommunications)>) communication over a single channel./ga

[Non-text portions of this message have been removed]

30038. Re: [FT897] Re: Duplexor/Diplexor WAS - Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-11 17:53:48 UTC
From: DALE
Topic: 30002 Message: 30038

----- Original Message -----
From: "Sean" <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Monday, May 10, 2010 6:32:23 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: Duplexor/Diplexor WAS - Newbe question about the 897D

X2 on the QST article. Very straight forward & informative!!

--- In FT897@yahoogroups.com , Finnigann <finnigann2580@...> wrote:
>
> On Sun, 09 May 2010 16:32:13 -0400, blownfuse <blownfuse@...>
> wrote:
>
> >
> > What reason did he give for not using a duplexer ?

The reason they do not recommend a duplexer is it is better to use a separate antenna .

A separate dual band antenna works better , has gain and you do not have to tune it every time you change to it.>

dale

[Non-text portions of this message have been removed]

30039. Re: Interface Problem

Yahoo group: FT897 (2010)
Date: 2010-05-11 18:53:28 UTC
From: iz0inx
Topic: 29976 Message: 30039

Hi Noel,

I've had the same problem with my FC-40
As Chuck says, you can easily use the Mike connector which supports CAT .
Take a look here:
http://www.iz0inx.it/autocostruzione/MicCat.htm
There is also a donwloadable English version.

73,
Fil - IZ0INX

--- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@...> wrote:
>
> Hi,
>
>
>
> Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?
>
>
>
> Noel (OM) N3NZ
>
>

30040. Digital on USB or LSB

Yahoo group: FT897 (2010)
Date: 2010-05-12 00:40:00 UTC
From: kd8lam
Topic: 30040 Message: 30040

I have recently developed issues when transmitting digitally on USB or LSB. All that is heard on my end is a solid tone and the transmit light does show red. I have been able to transmit on USB or LSB in the past.

Interface: Signalink USB
Software: Digital Master 780
WinXP Pro

This happens using PSK, Olivia and MT63.

Any tips would be appreciated.

73
Doug
KD8LAM

30041. Re: [FT897] Digital on USB or LSB

Yahoo group: FT897 (2010)
Date: 2010-05-12 09:39:46 UTC
From: Richard Corfield
Topic: 30040 Message: 30041

Mine did this when I had one of the CW options turned on - the one to allow
CW transmission in SSB or LSB mode. The radio seemed to think that the
keying signal from the signalink was a Morse key.

- Richard (M0RJC)

On 12 May 2010 01:40, kd8lam <kd8lam@...> wrote:

>
>
> I have recently developed issues when transmitting digitally on USB or LSB.
> All that is heard on my end is a solid tone and the transmit light does show
> red. I have been able to transmit on USB or LSB in the past.
>
> Interface: Signalink USB
> Software: Digital Master 780
> WinXP Pro
>
> This happens using PSK, Olivia and MT63.
>
> Any tips would be appreciated.
>
> 73
> Doug
> KD8LAM
>
>
>

[Non-text portions of this message have been removed]

30042. Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-12 19:14:59 UTC
From: kav246
Topic: 30002 Message: 30042

""I suppose some one could have mislabeled a Diplexer as""
""a Duplexer. But Duplexers are called "cans" for a reason.""
""They look like a large can. and usually have one or more""
""tuning shafts at one end.""

Hello Group

I've seen these "can" type devices on various repeaters here in the UK and they've always been referred to as cavity filters, (or just cavities to their friends).

If you look in the archives for early references to "my ATAS won't tune" etc you will find that at least one reason why SOME (and only SOME)diplexers (duplexers/splitters/radio signal matrimonial harmony devices)were not recommended is that. although they passed RF without issue the same circuitry would block DC voltage thus stopping the antenna motor from working. It seemed to be brand/model specific so hunt one out that has been proven to work and you should have no problem with it.

As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a single channel? Is that possible without wires? Surely there has to be at least a miniscule amount of channel separation or you just end up with "hetrodyning"?

I was taught that simplex used "one chanel, way at a time". Split frenquency simplex (or semi-duplex) used "two chanels, one way at a time" and duplex used "two chanels, simultaniously in oposite directions". If this were on two very close frequencies then the receivers would need to have an extremely narrow front end filter.

Does that mean that a duplexer is basically an external addition of an extremely narrow front end filter? Or am I just missing the point altogether?

Regards

Kav

30043. Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-12 00:15:34 UTC
From: kim.liao
Topic: 30043 Message: 30043

Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China

30044. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-12 21:22:25 UTC
From: John Faughn
Topic: 30002 Message: 30044

Forgot the link .
http://www.w4pvw.us/duplexer_or_diplexer.htm

On Wed, May 12, 2010 at 4:21 PM, John Faughn <john.faughn@...> wrote:

> I came across the du. vs. di. some yrs. ago , started out finding hard to
> get info on differences / uses for either talking to a few ham places like
> stores & other places I met other hams , then used some net searches , and
> found lots of info , sometime from different perspectives so not always
> getting what I was looking for ,
> Such as which to use in the application of my 897D & ATAS 120 , this link
> is not addressing the issue of sending 12vdc through either , but its a
> start .
> John
> kd0cac
> 73
>
> On Wed, May 12, 2010 at 2:14 PM, kav246 <smartlock.pro@...> wrote:
>
>>
>>
>> ""I suppose some one could have mislabeled a Diplexer as""
>> ""a Duplexer. But Duplexers are called "cans" for a reason.""
>> ""They look like a large can. and usually have one or more""
>> ""tuning shafts at one end.""
>>
>> Hello Group
>>
>> I've seen these "can" type devices on various repeaters here in the UK and
>> they've always been referred to as cavity filters, (or just cavities to
>> their friends).
>>
>> If you look in the archives for early references to "my ATAS won't tune"
>> etc you will find that at least one reason why SOME (and only SOME)diplexers
>> (duplexers/splitters/radio signal matrimonial harmony devices)were not
>> recommended is that. although they passed RF without issue the same
>> circuitry would block DC voltage thus stopping the antenna motor from
>> working. It seemed to be brand/model specific so hunt one out that has been
>> proven to work and you should have no problem with it.
>>
>> As for duplex, I believe somebody stated that a duplexer permitted two way
>> traffic on a single channel? Is that possible without wires? Surely there
>> has to be at least a miniscule amount of channel separation or you just end
>> up with "hetrodyning"?
>>

>> I was taught that simplex used "one chanel, way at a time". Split
>> frenquency simplex (or semi-duplex) used "two chanels, one way at a time"
>> and duplex used "two chanels, simultaniously in oposite directions". If this
>> were on two very close frequencies then the receivers would need to have an
>> extremely narrow front end filter.
>>
>> Does that mean that a duplexer is basically an external addition of an
>> extremely narrow front end filter? Or am I just missing the point
>> altogether?
>>
>> Regards
>>
>> Kav
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

30045. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-12 21:21:47 UTC
From: John Faughn
Topic: 30002 Message: 30045

I came across the du. vs. di. some yrs. ago , started out finding hard to
get info on differences / uses for either talking to a few ham places like
stores & other places I met other hams , then used some net searches , and
found lots of info , sometime from different perspectives so not always
getting what I was looking for ,
Such as which to use in the application of my 897D & ATAS 120 , this link is
not addressing the issue of sending 12vdc through either , but its a start .
John
kd0cac
73

On Wed, May 12, 2010 at 2:14 PM, kav246 <smartlock.pro@...> wrote:

>
>
> ""I suppose some one could have mislabeled a Diplexer as""
> ""a Duplexer. But Duplexers are called "cans" for a reason.""
> ""They look like a large can. and usually have one or more""
> ""tuning shafts at one end.""
>
> Hello Group
>
> I've seen these "can" type devices on various repeaters here in the UK and
> they've always been referred to as cavity filters, (or just cavities to
> their friends).
>
> If you look in the archives for early references to "my ATAS won't tune"
> etc you will find that at least one reason why SOME (and only SOME)diplexers
> (duplexers/splitters/radio signal matrimonial harmony devices)were not
> recommended is that. although they passed RF without issue the same
> circuitry would block DC voltage thus stopping the antenna motor from
> working. It seemed to be brand/model specific so hunt one out that has been
> proven to work and you should have no problem with it.
>
> As for duplex, I believe somebody stated that a duplexer permitted two way
> traffic on a single channel? Is that possible without wires? Surely there
> has to be at least a miniscule amount of channel separation or you just end
> up with "hetrodyning"?
>
> I was taught that simplex used "one chanel, way at a time". Split
> frenquency simplex (or semi-duplex) used "two chanels, one way at a time"
> and duplex used "two chanels, simultaniously in oposite directions". If this
> were on two very close frequencies then the receivers would need to have an
> extremely narrow front end filter.
>

> Does that mean that a duplexer is basically an external addition of an
> extremely narrow front end filter? Or am I just missing the point
> altogether?
>
> Regards
>
> Kav
>
>
>

[Non-text portions of this message have been removed]

30046. Re: Interface Problem

Yahoo group: FT897 (2010)
Date: 2010-05-12 23:42:41 UTC
From: Noel Zeibari
Topic: 29976 Message: 30046

Hi Fil,

Downloaded the English version of your Mic/Cat project, seems easy enough to

Build.

Could not locate the 8 pin female mini din at Radio Shack or Micro center.

Ordered the parts from www.mouser.com, will be getting all parts within a week.

Best regards,

73, Noel (OM) N3NZ

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> Hi Noel,
>
> I've had the same problem with my FC-40
> As Chuck says, you can easily use the Mike connector which supports CAT .
> Take a look here:
> http://www.iz0inx.it/autocostruzione/MicCat.htm
> There is also a donwloadable English version.
>
> 73,
> Fil - IZ0INX
>
>
> --- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@> wrote:
> >
> > Hi,
> >
> >
> >
> > Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?
> >
> >
> >
> > Noel (OM) N3NZ

[Non-text portions of this message have been removed]

30047. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 00:15:45 UTC
From: Hank
Topic: 30043 Message: 30047

I use my 897D for hours when the HF bands open up, and also 2 meter FM for rag chewing and checking into nets. I have had no heat problems at all. There is a fan that turns on fairly soon after I start transmitting, but it doesn't bother me. In my case, heat is not a problem.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China
>

30048. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 04:49:37 UTC
From: kim.liao
Topic: 30043 Message: 30048

Hi Hank: Glad to hear this, one other question is are you using antenna tuner for 897D? I hear if I use ATAS_120(the Yeasu autotuning antenna), I do not need to get an external tuner, I live in an apartment and may not be able to put up sizable antenna therefore I am looking for solutions which is simple and reliable. Appreciate your input. KIM/BM2JAM, Shanghai,China

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
>
> I use my 897D for hours when the HF bands open up, and also 2 meter FM for rag chewing and checking into nets. I have had no heat problems at all. There is a fan that turns on fairly soon after I start transmitting, but it doesn't bother me. In my case, heat is not a problem.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> >
> > Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China
> >
>

30049. Re: Digital on USB or LSB

Yahoo group: FT897 (2010)
Date: 2010-05-13 12:31:37 UTC
From: kd8lam
Topic: 30040 Message: 30049

Richard,

Thanks for the tip. Menu #22 CW AUTO MODE default is off, this had been turned on. Once this was resolved, I was able to tx digitally on USB/LSB.

73
Doug
KD8LAM

richard.corfield@...> wrote:

Mine did this when I had one of the CW options turned on - the one to allow CW transmission in SSB or LSB mode. The radio seemed to think that the keying signal from the signalink was a Morse key.

On 12 May 2010 01:40, kd8lam <kd8lam@...> wrote:
I have recently developed issues when transmitting digitally on USB or LSB. All that is heard on my end is a solid tone and the transmit light does show red. I have been able to transmit on USB or LSB in the past.
Interface: Signalink USB
Software: Digital Master 780
WinXP Pro
This happens using PSK, Olivia and MT63. Any tips would be appreciated.

30050. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 20:49:52 UTC
From: P Grant
Topic: 30002 Message: 30050

----- Original Message -----
From: kav246
To: FT897@yahoogroups.com
Sent: Wednesday, May 12, 2010 8:14 PM
Subject: [FT897] Re: Newbe question about the 897D

snip >>>
As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a single channel? Is that possible without wires? Surely there has to be at least a miniscule amount of channel separation or you just end up with "hetrodyning"?

I was taught that simplex used "one chanel, way at a time". Split frenquency simplex (or semi-duplex) used "two chanels, one way at a time" and duplex used "two chanels, simultaniously in oposite directions". If this were on two very close frequencies then the receivers would need to have an extremely narrow front end filter.

Does something here remind you of a mobile [cell] phone

Peter EI4HX

>>>> snip >>

Does that mean that a duplexer is basically an external addition of an extremely narrow front end filter? Or am I just missing the point altogether?

Regards

Kav

[Non-text portions of this message have been removed]

30051. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 21:40:51 UTC
From: Hank
Topic: 30043 Message: 30051

Hello Kim. I am using an antenna tuner, but I am not using the ATAS-120. My HF antenna is a 19' dipole antenna inside my attic. For my tuner, I am using the LDG AT-897. I really love this tuner, it tunes everything I throw at it. From what I am told, it will tune anything under 10:1. The Yaesu tuner needs to be within 3:1.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Hi Hank: Glad to hear this, one other question is are you using antenna tuner for 897D? I hear if I use ATAS_120(the Yeasu autotuning antenna), I do not need to get an external tuner, I live in an apartment and may not be able to put up sizable antenna therefore I am looking for solutions which is simple and reliable. Appreciate your input. KIM/BM2JAM, Shanghai,China
> >
> > --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> > >
> > >
> > >
> > >
> > > I use my 897D for hours when the HF bands open up, and also 2 meter FM for rag chewing and checking into nets. I have had no heat problems at all. There is a fan that turns on fairly soon after I start transmitting, but it doesn't bother me. In my case, heat is not a problem.
> > >
> > > Hank / KB4MTO
> > >
> > >
> > > --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> > > >
> > > > Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China
> > > >
> > >
> >
>

30052. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 22:52:30 UTC
From: Gary Altig
Topic: 30002 Message: 30052

DE N7UVL,
Some people occasionally mistakenly refer to a frequency
"Pair" as a single channel./ga

----- Original Message -----
From: P Grant<mailto:ei4hxperimental@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, May 13, 2010 1:49 PM
Subject: Re: [FT897] Re: Newbe question about the 897D

----- Original Message -----
From: kav246
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, May 12, 2010 8:14 PM
Subject: [FT897] Re: Newbe question about the 897D

snip >>>
As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a single channel? Is that possible without wires? Surely there has to be at least a miniscule amount of channel separation or you just end up with "hetrodyning"?

I was taught that simplex used "one chanel, way at a time". Split frenquency simplex (or semi-duplex) used "two chanels, one way at a time" and duplex used "two chanels, simultaniously in oposite directions". If this were on two very close frequencies then the receivers would need to have an extremely narrow front end filter.

Does something here remind you of a mobile [cell] phone

Peter EI4HX

>>>> snip >>

Does that mean that a duplexer is basically an external addition of an extremely narrow front end filter? Or am I just missing the point altogether?

Regards

Kav

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30053. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-13 23:10:42 UTC
From: Gary Altig
Topic: 30002 Message: 30053

DE N7UVL,
I seem to always leave something out. This time is the "why".
As Half/Full Duplex Repeater Frequency pairs are normally
programmed in to a Radio on "one channel" there is sometimes
a tendency to refer to that as a "channel".
-Simplex Repeaters only use one frequency. They "receive;
store: & forward"; all on one frequency, but not simultaneously./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, May 13, 2010 3:52 PM
Subject: Re: [FT897] Re: Newbe question about the 897D

DE N7UVL,
Some people occasionally mistakenly refer to a frequency
"Pair" as a single channel./ga

----- Original Message -----
From: P Grant<mailto:ei4hxperimental@...<mailto:ei4hxperimental@...>>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com><mailto:FT897@yahoogroups.com<mailt
o:FT897@yahoogroups.com>>
Sent: Thursday, May 13, 2010 1:49 PM
Subject: Re: [FT897] Re: Newbe question about the 897D

----- Original Message -----
From: kav246
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mai
lto:FT897%40yahoogroups.com>>
Sent: Wednesday, May 12, 2010 8:14 PM
Subject: [FT897] Re: Newbe question about the 897D

snip >>>
As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a
single channel? Is that possible without wires? Surely there has to be at least a miniscule
amount of channel separation or you just end up with "hetrodyning"?

I was taught that simplex used "one chanel, way at a time". Split frenquency simplex (or
semi-duplex) used "two chanels, one way at a time" and duplex used "two chanels,
simultaniously in oposite directions". If this were on two very close frequencies then the
receivers would need to have an extremely narrow front end filter.

Does something here remind you of a mobile [cell] phone

Peter EI4HX

>>>> snip >>

Does that mean that a duplexer is basically an external addition of an extremely narrow front end filter? Or am I just missing the point altogether?

Regards

Kav

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30054. Re: [FT897] Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-14 08:30:16 UTC
From: Richard Corfield
Topic: 30002 Message: 30054

However mobile phones are quite interesting. They use a range of frequencies, but the digital encoding allows time compression and transmitting on a part duty cycle. You could convievably achieve full duplex operation on a single frequency with each participant using time slots - time division multiplexing. I don't think the 897 could do it particularly well as it couldn't switch between RX and TX fast enough - or you'd have to use quite long time slots so introduce a notable delay in the speech, and I suspect you'd end up replacing the transmit relay a bit sooner than expected.

- Richard

On 14 May 2010 00:10, Gary Altig <garylaltig@...> wrote:

>
>
> DE N7UVL,
> I seem to always leave something out. This time is the "why".
> As Half/Full Duplex Repeater Frequency pairs are normally
> programmed in to a Radio on "one channel" there is sometimes
> a tendency to refer to that as a "channel".
> -Simplex Repeaters only use one frequency. They "receive;
> store: & forward"; all on one frequency, but not simultaneously./ga
>
>
> ----- Original Message -----
> From: Gary Altig<mailto:garylaltig@... <garylaltig%40msn.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Thursday, May 13, 2010 3:52 PM
> Subject: Re: [FT897] Re: Newbe question about the 897D
>
> DE N7UVL,
> Some people occasionally mistakenly refer to a frequency
> "Pair" as a single channel./ga
>
> ----- Original Message -----
> From: P Grant<mailto:ei4hxperimental@...<ei4hxperimental%40eircom.net>
> <mailto:ei4hxperimental@... <ei4hxperimental%40eircom.net>>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>>>
> Sent: Thursday, May 13, 2010 1:49 PM
> Subject: Re: [FT897] Re: Newbe question about the 897D
>

> ----- Original Message -----
> From: kav246
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>>
> Sent: Wednesday, May 12, 2010 8:14 PM
> Subject: [FT897] Re: Newbe question about the 897D
>
> snip >>>
> As for duplex, I believe somebody stated that a duplexer permitted two way
> traffic on a single channel? Is that possible without wires? Surely there
> has to be at least a miniscule amount of channel separation or you just end
> up with "hetrodyning"?
>
> I was taught that simplex used "one chanel, way at a time". Split
> frenquency simplex (or semi-duplex) used "two chanels, one way at a time"
> and duplex used "two chanels, simultaniously in oposite directions". If this
> were on two very close frequencies then the receivers would need to have an
> extremely narrow front end filter.
>
> Does something here remind you of a mobile [cell] phone
>
> Peter EI4HX
>
> >>>> snip >>
>
> Does that mean that a duplexer is basically an external addition of an
> extremely narrow front end filter? Or am I just missing the point
> altogether?
>
> Regards
>
> Kav
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30055. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-14 10:14:54 UTC
From: kim.liao
Topic: 30043 Message: 30055

Hi, Hank, great to know this which proves again the reputation of AT-897, I also heard about its design being able to fit right on sidepanel of FT-897 and replication of the outlet for connecting to CAT cables..Thanks and 73s KIM/BM2JAM, Shanghai, China

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> Hello Kim. I am using an antenna tuner, but I am not using the ATAS-120. My HF antenna is a 19' dipole antenna inside my attic. For my tuner, I am using the LDG AT-897. I really love this tuner, it tunes everything I throw at it. From what I am told, it will tune anything under 10:1. The Yaesu tuner needs to be within 3:1.
>
> Hank / KB4MTO
>
> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> >
> > Hi Hank: Glad to hear this, one other question is are you using antenna tuner for 897D? I hear if I use ATAS_120(the Yeasu autotuning antenna), I do not need to get an external tuner, I live in an apartment and may not be able to put up sizable antenna therefore I am looking for solutions which is simple and reliable. Appreciate your input. KIM/BM2JAM, Shanghai,China
> >
> > --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> > >
> > >
> > >
> > >
> > > I use my 897D for hours when the HF bands open up, and also 2 meter FM for rag chewing and checking into nets. I have had no heat problems at all. There is a fan that turns on fairly soon after I start transmitting, but it doesn't bother me. In my case, heat is not a problem.
> > >
> > > Hank / KB4MTO
> > >
> > >
> > > --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> > > >
> > > > Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China
> > > >
> > >
> > >
> >

>

30056. Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-14 14:31:51 UTC
From: john_kb0ne
Topic: 30002 Message: 30056

To answer your question... A duplexer, as used in a typical ham radio repeater, allows a transmitter and a receiver to operate on one antenna, one one band (eg: 2 meters)... *not one frequency*.

A duplexer isn't typically needed for operating on 2 different bands as in cross band repeater mode.

Yes you are correct, 2 RF sources transmitting on one frequency simultaneously does not work out, it causes hetrodynes (AM) or capture (FM).

John KB0ne

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
>
> ----- Original Message -----
> From: kav246
> To: FT897@yahoogroups.com
> Sent: Wednesday, May 12, 2010 8:14 PM
> Subject: [FT897] Re: Newbe question about the 897D
>
>
> snip >>>
> As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a single channel? Is that possible without wires? Surely there has to be at least a miniscule amount of channel separation or you just end up with "hetrodyning"?

30057. Re: Newbe question about the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-14 15:00:24 UTC
From: g8hul
Topic: 30002 Message: 30057

--- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@...> wrote:
>
> To answer your question... A duplexer, as used in a typical ham radio repeater, allows a transmitter and a receiver to operate on one antenna, one one band (eg: 2 meters)... *not one frequency*.
>
> A duplexer isn't typically needed for operating on 2 different bands as in cross band repeater mode.
>
> Yes you are correct, 2 RF sources transmitting on one frequency simultaneously does not work out, it causes hetrodynes (AM) or capture (FM).
>
> John KB0ne
>
> --- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@> wrote:
> >
> >
> > ----- Original Message -----
> > From: kav246
> > To: FT897@yahoogroups.com
> > Sent: Wednesday, May 12, 2010 8:14 PM
> > Subject: [FT897] Re: Newbe question about the 897D
> >
> >
> > snip >>>
> > As for duplex, I believe somebody stated that a duplexer permitted two way traffic on a single channel? Is that possible without wires? Surely there has to be at least a miniscule amount of channel separation or you just end up with "hetrodyning"?
>

Thsi si the propblem when people look things up on the web and believe without question!! (particularly Wikki).

A normal amatuer repaeter operates in 2 frequency simplex mode, not duplex.

However, you can indeed have tx and rx on the same frequency simultaneously. There are several system that achieve this, try Googling 'on channel repeater'.

One noteable system was the Plessey Groundsat that even managed it from a manpack radio with out any filtering and huge antenna isolation.

Regards
Jeff

30058. ACC Jack

Yahoo group: FT897 (2010)
Date: 2010-05-14 17:19:32 UTC
From: PY5VB-Villas Boas
Topic: 30002 Message: 30058

Hi All:

In operator manual, page 18 (897D rear conectors) , has a description
about ACC Jack (item 5)

5- ACC Jack
This 3.5-mm 3-pin jack accepts external ALC (Automatic
Level Control) voltage from a linear amplifier on the tip
connection, and accepts a "Transmit Request" command
on the ring connection. The main shaft is the ground re-
turn.
The "TX Request" connection, when shorted to ground,
puts the FT-897D into the transmit mode, and sends out
a steady CW carrier, for linear amplifier or manual an-
tenna tuner adjustment.

I put a 3.5mm 3 pin in this jack and I shorted ring to ground like upper
description BUT do nothing
Is a fault or any configuration ?

Tnx for help.

73, Villas - PY5VB

[Non-text portions of this message have been removed]

30059. Re: [FT897] ACC Jack

Yahoo group: FT897 (2010)
Date: 2010-05-14 17:51:10 UTC
From: Alan E. Lutz
Topic: 30002 Message: 30059

I use this jack with my LDG AT-100 Pro II tuner and it functions as expected. I do not recall having to make any menu changes to set it up. When the tuner is "tuning up" the transmitter drops back to 25 watts (if it is set higher) and keys up in CW mode. At the end of the tuning cycle it jumps up to the set power (I usually have it at 100 watts) just before cycling the transmitter off.

73 de Alan

AE1NH

----- Original Message -----
From: "PY5VB-Villas Boas" <py5vb@...>
To: FT897@yahoogroups.com
Sent: Friday, May 14, 2010 1:19:32 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] ACC Jack

Hi All:

In operator manual, page 18 (897D rear conectors) , has a description
about ACC Jack (item 5)

5- ACC Jack
This 3.5-mm 3-pin jack accepts external ALC (Automatic
Level Control) voltage from a linear amplifier on the tip
connection, and accepts a "Transmit Request" command
on the ring connection. The main shaft is the ground re-
turn.
The "TX Request" connection, when shorted to ground,
puts the FT-897D into the transmit mode, and sends out
a steady CW carrier, for linear amplifier or manual an-
tenna tuner adjustment.

I put a 3.5mm 3 pin in this jack and I shorted ring to ground like upper
description BUT do nothing
Is a fault or any configuration ?

Tnx for help.

73, Villas - PY5VB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30060. Re: ACC Jack

Yahoo group: FT897 (2010)
Date: 2010-05-14 17:59:12 UTC
From: Steve Yates
Topic: 30002 Message: 30060

Hi Villas,

It works on mine and I'm not aware of any configuration setting that needs to be set. Make sure that you are using a common ground with you rig. It sounds like you may have a fault.

I built a small box that has a button on it that I push to tune my autotuner. When I push the button it applies a ground to the "TX Request" line and a small negative bias voltage to the ALC line. I have the bias adjusted so that the rig transmits at about 10 to 20 Watts when doing this. The nice thing is that it will transmit a carrier in any mode (it's zero beat on SSB) and there is no sidetone. Whenever I change bands I just push the button for about half a second and my antenna is ready to go without activating the SWR protection circuit or stressing out the finals. (NOTE: the external ALC voltage needs to be disabled when the button is not pushed or it will mess up your SSB response. I just use a DPDT switch for the button)

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, PY5VB-Villas Boas <py5vb@...> wrote:
>
> Hi All:
>
> In operator manual, page 18 (897D rear conectors) , has a description
> about ACC Jack (item 5)
>
> 5- ACC Jack
> This 3.5-mm 3-pin jack accepts external ALC (Automatic
> Level Control) voltage from a linear amplifier on the tip
> connection, and accepts a "Transmit Request" command
> on the ring connection. The main shaft is the ground re-
> turn.
> The "TX Request" connection, when shorted to ground,
> puts the FT-897D into the transmit mode, and sends out
> a steady CW carrier, for linear amplifier or manual an-
> tenna tuner adjustment.
>
>
> I put a 3.5mm 3 pin in this jack and I shorted ring to ground like upper
> description BUT do nothing
> Is a fault or any configuration ?
>
> Tnx for help.
>
> 73, Villas - PY5VB

30061. Re: [FT897] Re: ACC Jack

Yahoo group: FT897 (2010)
Date: 2010-05-14 18:50:22 UTC
From: PY5VB-Villas Boas
Topic: 30002 Message: 30061

Tnx Steve.

I think your solution is vry good and I think that older owner damaged
this conection in my FT897D (sniff, sniff ....)

73, Villas

Em 14/05/2010 14:59, Steve Yates escreveu:
>
> Hi Villas,
>
> It works on mine and I'm not aware of any configuration setting that
> needs to be set. Make sure that you are using a common ground with you
> rig. It sounds like you may have a fault.
>
> I built a small box that has a button on it that I push to tune my
> autotuner. When I push the button it applies a ground to the "TX
> Request" line and a small negative bias voltage to the ALC line. I
> have the bias adjusted so that the rig transmits at about 10 to 20
> Watts when doing this. The nice thing is that it will transmit a
> carrier in any mode (it's zero beat on SSB) and there is no sidetone.
> Whenever I change bands I just push the button for about half a second
> and my antenna is ready to go without activating the SWR protection
> circuit or stressing out the finals. (NOTE: the external ALC voltage
> needs to be disabled when the button is not pushed or it will mess up
> your SSB response. I just use a DPDT switch for the button)
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> PY5VB-Villas Boas <py5vb@...> wrote:
> >
> > Hi All:
> >
> > In operator manual, page 18 (897D rear conectors) , has a description
> > about ACC Jack (item 5)
> >
> > 5- ACC Jack
> > This 3.5-mm 3-pin jack accepts external ALC (Automatic
> > Level Control) voltage from a linear amplifier on the tip
> > connection, and accepts a "Transmit Request" command
> > on the ring connection. The main shaft is the ground re-
> > turn.
> > The "TX Request" connection, when shorted to ground,
> > puts the FT-897D into the transmit mode, and sends out

> > a steady CW carrier, for linear amplifier or manual an-
> > tenna tuner adjustment.
> >
> >
> > I put a 3.5mm 3 pin in this jack and I shorted ring to ground like
> upper
> > description BUT do nothing
> > Is a fault or any configuration ?
> >
> > Tnx for help.
> >
> > 73, Villas - PY5VB
>
>

[Non-text portions of this message have been removed]

30062. LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-15 02:48:34 UTC
From: Grant Hopper
Topic: 30062 Message: 30062

Discussion of the FT-897 & FT-897DWhile I haven't done an exhaustive search of the internet to figure out the difference between my LDG AT-897 and the 'plus' (and I'm not sure I should have to - shouldn't something like that be on the LDG site?), I've searched LDG's site and this forum as well as a general google of the topic and amazingly enough, I still can't establish what the differences are between the two.

I'm hoping someone here can point me to a reference or resource, or failing that, explain what changed in the 'plus' model.

Thanks and 73,

Grant
KB7WSD

[Non-text portions of this message have been removed]

30063. Re: [FT897] LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-15 10:25:26 UTC
From: n0bnd Yahoo
Topic: 30062 Message: 30063

Looks like one difference is the "plus" has 2000 memories and "non-plus" has 200. I got this from the online manual on LDG's web site.

Joel Mueller

On May 14, 2010, at 9:48 PM, "Grant Hopper" <ghopper@...> wrote:

Discussion of the FT-897 & FT-897DWhile I haven't done an exhaustive search of the internet to figure out the difference between my LDG AT-897 and the 'plus' (and I'm not sure I should have to - shouldn't something like that be on the LDG site?), I've searched LDG's site and this forum as well as a general google of the topic and amazingly enough, I still can't establish what the differences are between the two.

I'm hoping someone here can point me to a reference or resource, or failing that, explain what changed in the 'plus' model.

Thanks and 73,

Grant
KB7WSD

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[Non-text portions of this message have been removed]

30064. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-15 11:15:16 UTC
From: JonP
Topic: 30043 Message: 30064

I have the AT-897. It is "okay" as an antenna tuner, but not great. So far I have found that it will tune into pretty much anything, but just because it tunes does NOT mean that you'll actually get a signal out.

For example, I have a multi-band dipole. Down at the lower end of the 10 meter band (say around 28.4MHz), the AT-897 will give a solution, but nobody can hear me when I transmit. I ran some tests with friends and 10 miles away from my station (6km), they cannot hear me when I transmit at 100 watts (sideband) after tuning even though they can hear me if I transmit at 5 watts before tuning. I've been able to duplicate those results with two other AT-897s and three different FT-897s.

By the way, using infrared film, I was able to determine that the AT-897 gets very very hot in that situation -- in other words all the power is being lost in the AT-897.

While vendors would like us to believe that rig-specific automatic tuners like the AT-897 can handle as much as a 10:1 mismatch, they really cannot handle much more than a 3:1 mismatch. They'll give a solution out to 10:1, but that solution will result in most of your power dissipating inside the tuner.

Given what you're planning to use as an antenna, your best bet would be a good MANUAL external tuner like the MFJ Versatuner line. I have a Versatuner II. Using that same antenna with the Versatuner, I have no problem getting a signal out that people can hear. I've also used it to tune up a 40 meter output on a 2 meter vertical, to tune up against a rain gutter and other ridiculous things that we test for emergency communications purposes.

Remember also that just because a tuner at the transmitter is making the transmitter happy does NOT mean that the antenna is happy. If you are using 50 ohm feedline to an antenna with a 400 or 600 ohm impedance, you will wind up losing a lot of your signal to heat. A manual tuner will tell you the actual impedance of the antenna system. You can then insert a balun (or unun) where the feedline meets the antenna and dramatically improve the strength of your output signal.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Hi Hank: Glad to hear this, one other question is are you using antenna tuner for 897D? I hear if I use ATAS_120(the Yeasu autotuning antenna), I do not need to get an external tuner, I live in an apartment and may not be able to put up sizable antenna therefore I am looking for solutions which is simple and reliable. Appreciate your input. KIM/BM2JAM, Shanghai,China

30065. RE: [FT897] LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-15 14:17:33 UTC
From: Mike Ernst
Topic: 30062 Message: 30065

I have an AT-897. It is my understanding that one difference is the AT-897 tunes wherever you have the power setting (so if you are at 100W in FT-897D menu the tuner will tune at 100W) - but the AT-897 Plus reduces power by its internal circuitry prior to tuning. The advantage of this is that if there is RF present - which can happen if you forget to first lower the power and try to tune a high SWR antenna while at high power - the AT-897 will not find a good solution. But with the AT-897 Plus it will first lower the power and then will likely find a solution.

Please note, there are some add on modifications to be found on the internet (both for purchase and for home brew) to make the AT-897 lower the power before tuning as well.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Grant Hopper
Sent: Friday, May 14, 2010 10:49 PM
To: FT897 Yahoo Group
Subject: [FT897] LDG AT-897 versus the 'plus'

Discussion of the FT-897 & FT-897DWhile I haven't done an exhaustive search of the internet to figure out the difference between my LDG AT-897 and the 'plus' (and I'm not sure I should have to - shouldn't something like that be on the LDG site?), I've searched LDG's site and this forum as well as a general google of the topic and amazingly enough, I still can't establish what the differences are between the two.

I'm hoping someone here can point me to a reference or resource, or failing that, explain what changed in the 'plus' model.

Thanks and 73,

Grant
KB7WSD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30066. Re: Newbe question about the 897D Duplexer/Triplexer

Yahoo group: FT897 (2010)
Date: 2010-05-15 19:15:36 UTC
From: kav246
Topic: 30002 Message: 30066

> However mobile phones are quite interesting. They use a range of
> frequencies, but the digital encoding allows time compression and
> transmitting on a part duty cycle. > >

This is probably very true (sms was just emerging when I last researched mobile technology) but I thought those attributes served only to make the transmitter small and the audio content moderately secure.

The thing that gives cell phones there simultanious two-way ability is the seperate tx and rx frequencies with 45Mhz of seperation. You could drive a double decker amateur band through that gap. You can also leave the RX permanently open as the TX freq is so far removed as to be totally outwith the scope of the receiver, hence duplex.

> > Does something here remind you of a mobile [cell] phone
> >

I guess I missed the point here as well. Which bit reminds you of a cell phone?

30067. FT897 and IPO on VHF

Yahoo group: FT897 (2010)
Date: 2010-05-16 14:39:49 UTC
From: on7cl_rudi
Topic: 30067 Message: 30067

Hello FM,

I have the icom (I) IPO on my screen whem I'l on VHF, manual says that this is not working on VHF, when I go into the menu the IPO is not highlight but I see the icom on the screen.

When I go to a HF band I con toggle the IPO on and off, but this is not working on VHF.

How cn I get rid from this (I) on my screen, do I miss someting ?

Thanks for info.

Rudi - ON7CL

30068. Re: FT897 and IPO on VHF

Yahoo group: FT897 (2010)
Date: 2010-05-16 15:43:06 UTC
From: Steve Yates
Topic: 30067 Message: 30068

Hi Rudi,

Mine has done that at times too. From all indications the IPO is not really functioning on VHF but some kind of glitch causes the IPO indicator to stay on. I'm not sure how I got rid of it but I think it went away when I reloaded the memories from the computer. A reset may get rid of it too.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> I have the icom (I) IPO on my screen whem I'l on VHF, manual says that this is not working on VHF, when I go into the menu the IPO is not highlight but I see the icom on the screen.
>
> When I go to a HF band I con toggle the IPO on and off, but this is not working on VHF.
>
> How cn I get rid from this (I) on my screen, do I miss someting ?
>
> Thanks for info.
>
> Rudi - ON7CL
>

30069. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-16 18:25:49 UTC
From: thb201
Topic: 30062 Message: 30069

The Plus model is a true one touch tune system. You press the "Tune" button, the tuner then instructs the radio to reduce power and also change mode to AM (constant carrier). The tuner then "tunes" and after finding a solution will return the rig to whatever the previous mode was and to the previous power output setting. The Plus also has more memories and an extra CAT connector. To me it seems to be just a little bit better built than the previous model, but that's just my impression. This is a vast improvement over the previous model. I do not own the older model but a friend does so we we were able to compare. He's now sorry he didn't wait to buy the newer model as it is so much easier to use. The Plus model works well and is worth the money as far as I'm concerned.

I should point out that these LDG tuners are not "true" autotuners. A true autotuner will sense a change in SWR if you tune around the band or change frequencies, and then automatically retune without any interaction from the operator. SGC tuners are true autotuners. With the LDG you still have to monitor SWR yourself to see if it goes too high and then press the "Tune" button to retune. This is possibly drawback in that the LDG tuner does not have an SWR indicator (LED indicator) like other LDG tuners so you must be able to read SWR either using the internal display in the FT-897 or by some other means such as the external LDG FT meter or some other SWR meter.

Hope this helps.

73
John
VE3CXB

30070. Re: Heat management-FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-17 02:32:27 UTC
From: RicardoH
Topic: 30043 Message: 30070

Hi Kim,

I use a vertical multi-band antenna and considered the ATAS-120 while looking. I was cautioned that though the ATAS-120 is a fine antenna it is very sensitive to how ground is presented to it. Yaesu offers a radial kit to go with the ATAS. Be sure you can use the antenna effectively before you buy.

Ric KJ6DOY

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Hi Hank: Glad to hear this, one other question is are you using antenna tuner for 897D? I hear if I use ATAS_120(the Yeasu autotuning antenna), I do not need to get an external tuner, I live in an apartment and may not be able to put up sizable antenna therefore I am looking for solutions which is simple and reliable. Appreciate your input. KIM/BM2JAM, Shanghai,China
> >
> > --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> > >
> > >
> > >
> > >
> > > I use my 897D for hours when the HF bands open up, and also 2 meter FM for rag chewing and checking into nets. I have had no heat problems at all. There is a fan that turns on fairly soon after I start transmitting, but it doesn't bother me. In my case, heat is not a problem.
> > >
> > > Hank / KB4MTO
> > >
> > >
> > > --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> > > >
> > > > Dear Group: I am considering the FT-897D to be my base station(and linked to Echolink), could any user give me advice as far as the heat dessipation situation of this unit, does it have good fan system to maintain the equipment cool for long term use? Thanks and 73s. KIM/BM2JAM/China
> > > >
> > >
> >
>

30071. S-meter sensitivity problem

Yahoo group: FT897 (2010)
Date: 2010-05-17 05:21:24 UTC
From: yo5orw
Topic: 30071 Message: 30071

Hello.
I had some problems few months ago with the noise on all bands (with or without the antennas). I sent the rig back to Yaesu and the problem was solved. They told me that there were some wrong setups and realigned the rig. Since it's back I have problems with the S-meter bar. Even if the signal is very strong (I can hear the speaker very clear and loud without noises and the squelch is far over the noise limit), the S-meter shows nothing. In case of a station close to the rig, when the signal is S10+, the S-meter works.
Is there any hidden option which sets the S-meter sensitivity? Does anyone had this problem?
Thanks in advance.

73's
YO5ORW - Cosmin

30072. Re: FT897 and IPO on VHF

Yahoo group: FT897 (2010)
Date: 2010-05-17 16:17:30 UTC
From: pe1dcd
Topic: 30067 Message: 30072

Hi Rudi (and others),

This happend to mee too.
I was using HamRadioDeluxe and when I was on 7Mc I did set APO.
After that I switch to 144Mc and APO was still there.
I hope this will help.

Peter , PE1DCD

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> I have the icom (I) IPO on my screen whem I'l on VHF, manual says that this is not working on VHF, when I go into the menu the IPO is not highlight but I see the icom on the screen.
>
> When I go to a HF band I con toggle the IPO on and off, but this is not working on VHF.
>
> How cn I get rid from this (I) on my screen, do I miss someting ?
>
> Thanks for info.
>
> Rudi - ON7CL
>

30073. 897 CAT jack

Yahoo group: FT897 (2010)
Date: 2010-05-17 01:24:45 UTC
From: joefyrefighter
Topic: 30073 Message: 30073

How can I run the FC 30 and also connect the radio to my computer??? ISn't this the same jack on back of radio??

Joe
AJ4YS

30074. atv

Yahoo group: FT897 (2010)
Date: 2010-05-14 12:46:40 UTC
From: Ken
Topic: 30074 Message: 30074

Iwant to couple up the 897 to my xfx computerusing usb to the 6pin socket.anyone got the wiring diagram please,regards,ken

30075. ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-12 21:58:10 UTC
From: m3prq
Topic: 30075 Message: 30075

Hello has anyone who lives in Cheshire or Merseyside (England)
done the mod to transmit on 11m band.
My ft897 has not had any mods done to it at all.

if your willing to do the mod on my ft897
please get intouch m3prq@yahoo.co.uk

or via this group.

30076. I need help in trouble shooting my set up

Yahoo group: FT897 (2010)
Date: 2010-05-14 04:20:56 UTC
From: bigbob19722000
Topic: 30076 Message: 30076

Ok, here is the issued:

I have 40 meter Dipole up in a tree about 50 feet inverted Vee. The dipole's coax coming into the shack is about 100 feet away.

In the shack I have a W2IHY(8 band eq) connected with a heil heritage mic to the FT 897 connected to a Tokyo-hy power (via the ARB 704). I also have a MFJ tuner III connected.

The problem arises when I turn the Amp on with the mic connected.
The radio shuts off and turns back on when I try to transmit. On Ten meters there is no problem.

When I connect the original mic and repeat the above situation on 40 meter, I dont have a the problem of the radio turning off.

I would like to get this problem resolved and get this system up and working on the band I like to ragchew on.

Thanks for the help.

Lou KB2QLQ

30077. Re: [FT897] LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-15 03:15:21 UTC
From: Patrick
Topic: 30062 Message: 30077

My manual that was supplied with my LDG AT-897 Plus, states the following.

The AT-897 Plus is similar to the previous LDG tuners, but is specially engineered to integrate with your Yaesu Ft-897 HF Radio. The AT-897 Plus connects to the CAT(Computer Automated Transceiver) port on the back of the 897. The CAT interface allows an external device such as a PC or the AT 897 Plus to control the the 897 by sending it serial commands. The 897 Plus takes advantage of this interface to simplify the tuning process -- one button push is all that is needed in order to switch the radio to AM mode, reduce output power, transmit a carrier, measure the transmit frequency, and then store to it's previous mode and power level!

Or did you try emailing LDG, and asking them?

Patrick KI8UM

On Fri, May 14, 2010 at 10:48 PM, Grant Hopper <ghopper@...> wrote:

>
>
> Discussion of the FT-897 & FT-897DWhile I haven't done an exhaustive search
> of the internet to figure out the difference between my LDG AT-897 and the
> 'plus' (and I'm not sure I should have to - shouldn't something like that
> be
> on the LDG site?), I've searched LDG's site and this forum as well as a
> general google of the topic and amazingly enough, I still can't establish
> what the differences are between the two.
>
> I'm hoping someone here can point me to a reference or resource, or failing
> that, explain what changed in the 'plus' model.
>
> Thanks and 73,
>
> Grant
> KB7WSD
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30078. 897 and FC30 tuner plus CAT???

Yahoo group: FT897 (2010)
Date: 2010-05-16 23:19:40 UTC
From: joefyrefighter
Topic: 30078 Message: 30078

Is there a way I can hook up my 897 to my computer and still have it connected to my FC 30 tuner???

30079. 897 and FC30 tuner plus CAT???

Yahoo group: FT897 (2010)
Date: 2010-05-18 09:31:11 UTC
From: Noel Zeibari
Topic: 30078 Message: 30079

Joe,

I have the same problem with my MFJ-929 auto tuner. Read Fil's IZ0NX solution
at http://www.iz0inx.it/autocostruzione/MicCat.htm
There is also a donwloadable English version.
I have ordered the parts from mouser electronics to
do the modification. I will report to the group of
the results.

73, Noel(OM) N3NZ

[Non-text portions of this message have been removed]

30080. Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 10:47:43 UTC
From: Peter Robinson
Topic: 30075 Message: 30080

While doing the mod may not be illegal, using the radio on 11m would most definitely be illegal.

73 de Peter GØFIM / AA3JN

[Non-text portions of this message have been removed]

30081. Re: 897 CAT jack

Yahoo group: FT897 (2010)
Date: 2010-05-18 11:49:45 UTC
From: iz0inx
Topic: 30073 Message: 30081

Hi Joe,

no problem with the LDG AT-897 (both versions, normal and plus) whereas with the the FC 30 (or the FC 40) you can find a possible solution here:
http://www.iz0inx.it/autocostruzione/MicCat.htm (on top right there is a link to a downloadable English version)

cheers,
Fil
IZ0INX

--- In FT897@yahoogroups.com, "joefyrefighter" <joefyrefighter@...> wrote:
>
> How can I run the FC 30 and also connect the radio to my computer??? ISn't this the same jack on back of radio??
>
> Joe
> AJ4YS
>

30082. Re: [FT897] Re: 897 CAT jack

Yahoo group: FT897 (2010)
Date: 2010-05-18 12:21:04 UTC
From: Alan E. Lutz
Topic: 30073 Message: 30082

Jumping in a little late, but for what it's worth, I use the LDG AT-100 Pro II tuner. It's compact, uses little power, has LED "meters" and only uses the ACC jack on the FT-897. I also have HRD connected via the CAT port on the FT-897. In addition to the above features, I chose the tuner because it would provide me portability I need as well as being a nice unit in the shack.

73 de Alan

AE1NH

----- Original Message -----
From: "iz0inx" <iz0inx@...>
To: FT897@yahoogroups.com
Sent: Tuesday, May 18, 2010 7:49:45 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] Re: 897 CAT jack

Hi Joe,

no problem with the LDG AT-897 (both versions, normal and plus) whereas with the the FC 30 (or the FC 40) you can find a possible solution here:
http://www.iz0inx.it/autocostruzione/MicCat.htm (on top right there is a link to a downloadable English version)

cheers,
Fil
IZ0INX

--- In FT897@yahoogroups.com , "joefyrefighter" <joefyrefighter@...> wrote:
>
> How can I run the FC 30 and also connect the radio to my computer??? ISn't this the same jack on back of radio??
>
> Joe
> AJ4YS
>

[Non-text portions of this message have been removed]

30083. RE: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 12:32:53 UTC
From: Geoff Blake
Topic: 30075 Message: 30083

With respect, , using the radio on 11m TO TRANSMIT would most definitely be illegal. The FT897 does not require modification to receive on 11m

73 Geoff

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Peter Robinson
Sent: 18 May 2010 11:48
To: FT897@yahoogroups.com
Subject: [FT897] Re:ft-987 11m

While doing the mod may not be illegal, using the radio on 11m would most definitely be illegal.

73 de Peter GØFIM / AA3JN

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30084. Re: I need help in trouble shooting my set up

Yahoo group: FT897 (2010)
Date: 2010-05-18 13:59:48 UTC
From: john_kb0ne
Topic: 30076 Message: 30084

Lou,
The Mic input for the 897D can also work as a CAT input and you could be getting RF into the connector or something strange like that. Check you menu for mic setup and make sure it isn't in 'remote' mode and that may solve your problem.

John KB0NE

--- In FT897@yahoogroups.com, "bigbob19722000" <bigbob19722000@...> wrote:

> When I connect the original mic and repeat the above situation on 40 meter, I dont have a the problem of the radio turning off.

30085. Toyota's Recall Woes May Have Started in Space | Autopia | Wired.com

Yahoo group: FT897 (2010)
Date: 2010-05-18 16:59:34 UTC
From: P Grant
Topic: 30085 Message: 30085

Re: RECENT POSTS. RF PROBLEMS IN MODRN CARS

Below is a link to the wired.com, web site with new slant on problems with modern cars.

73 Peter EI4HX ----------
http://www.wired.com/autopia/2010/03/toyota-cosmic-rays/

[Non-text portions of this message have been removed]

30086. PACTOR MBOX QRV

Yahoo group: FT897 (2010)
Date: 2010-05-18 19:22:50 UTC
From: SV1UY
Topic: 30086 Message: 30086

Hi all,

MBOX is now QRV for PACTOR 1/2/3 connects on 14,111 KHZ Center Frequency.

73 de Demetre SV1UY

30087. RE: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 19:50:34 UTC
From: Michael Hughey
Topic: 30075 Message: 30087

It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
KF4DUS - Mike

-----Original Message-----
From: Peter Robinson <peter@...>
Sent: Tuesday, May 18, 2010 4:47
To: FT897@yahoogroups.com
Subject: [FT897] Re:ft-987 11m

While doing the mod may not be illegal, using the radio on 11m would most definitely be illegal.

73 de Peter GØFIM / AA3JN

[Non-text portions of this message have been removed]

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

30088. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 20:03:35 UTC
From: Patrick Ouellette
Topic: 30075 Message: 30088

On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>
> It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
> KF4DUS - Mike
>

Actually it depends on the user's jurisdiction. In the USA, it is absolutely not legal to use a modified radio to transmit on 11m. The FCC's FAQ at
http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb

spells that out pretty clearly. The radio must be an "unmodified FCC certified CB unit."

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

30089. Re: 897 CAT jack

Yahoo group: FT897 (2010)
Date: 2010-05-18 20:08:18 UTC
From: NM7L
Topic: 30073 Message: 30089

Joe,

You could configure your microphone jack to be used as a CAT port: however this defeats the use of the RJ-45 as a mic jack. Same as with using the CAT/LIN/TUN DIN jack in the back of the rig. If using the FC-30 tuner you must designate that DIN jack as either a tuner port or a CAT port in the menus. Although there is a device out there that will allow you the capability to plug in 2 DIN - capable devices into the single CAT/LIN/TUN DIN jack in your configuration simultaneous operation of both CAT & TUN is impossible through the DIN.

Regards,

Mark (NM7L)

30090. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 20:18:39 UTC
From: josedouglas@yahoo.com
Topic: 30075 Message: 30090

Does that mean that I can't make my own radio and transmit on it because it's not FCC approved?
I don't think so...
Granted 11 metres is not a ham band, but the idea is that we hams regulate each other, that should be enough.

73s

Jose Douglas
KB1TCD

From: Patrick Ouellette <pat@...>
To: FT897@yahoogroups.com
Sent: Tue, May 18, 2010 4:03:35 PM
Subject: Re: [FT897] Re:ft-987 11m

On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>
> It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
> KF4DUS - Mike
>

Actually it depends on the user's jurisdiction. In the USA, it is absolutely
not legal to use a modified radio to transmit on 11m. The FCC's FAQ
at
http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb

spells that out pretty clearly. The radio must be an "unmodified FCC certified
CB unit."

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

[Non-text portions of this message have been removed]

30091. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 20:25:35 UTC
From: Joe
Topic: 30075 Message: 30091

I 'believe' only FCC type accepted radios can be used on 11 meters. As CB'ers do not have to learn any electronics to obtain a license, the Feds do not trust them to build a CB radio that is 'clean'.

So..no, you cannot build your own radio..has nothing to do with amateur radio and self regulation.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: <josedouglas@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, May 18, 2010 1:18 PM
Subject: Re: [FT897] Re:ft-987 11m

> Does that mean that I can't make my own radio and transmit on it because
> it's not FCC approved?
> I don't think so...
> Granted 11 metres is not a ham band, but the idea is that we hams regulate
> each other, that should be enough.
>
> 73s
>
> Jose Douglas
> KB1TCD
>
>
>
>
>
> _____
> From: Patrick Ouellette <pat@...>
> To: FT897@yahoogroups.com
> Sent: Tue, May 18, 2010 4:03:35 PM
> Subject: Re: [FT897] Re:ft-987 11m
>
>
> On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>>
>> It would be legal to transmit on 11 meters as long as you keep your power
>> limited to 5 watts. Using more power might be tempting, but is not
>> advised. Case in point, a pair of illegal CB'ers were using illegal
>> power and had a harmonic interfere with the VHF ground aproach frequency
>> at Denver International Airport (DIA).

>> KF4DUS - Mike
>>
>
> Actually it depends on the user's jurisdiction. In the USA, it is
> absolutely
> not legal to use a modified radio to transmit on 11m. The FCC's FAQ
> at
> http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb
>
> spells that out pretty clearly. The radio must be an "unmodified FCC
> certified
> CB unit."
>
> 73,
>
> Pat NE4PO
> --
>
> Patrick Ouellette pat@...
> ne4po (at) arrl (dot) net Amateur Radio: NE4PO
>
> What kind of change have you been in the world today?
>
>
>
>
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>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30092. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:04:01 UTC
From: Patrick Ouellette
Topic: 30075 Message: 30092

On Tue, May 18, 2010 at 01:18:39PM -0700, josedouglas@... wrote:
>
> Does that mean that I can't make my own radio and transmit on it because it's not FCC approved?
> I don't think so...
> Granted 11 metres is not a ham band, but the idea is that we hams regulate each other, that should be enough.
>

You can't build and transmit on 11m (or any other non HAM band) in the US.
Build anything you want for the HAM bands and as long as it meets the regs
on spectral purity and power output you are fine.

(If you want to build a rig for 11m, you can as long as you put it through
the FCC certification process - not a cheap thing)

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

30093. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:15:06 UTC
From: Charles Scott
Topic: 30075 Message: 30093

Jose:

I think the point is that in the US 11 meters is not a ham band and operations fall under other rules that don't permit custom built or modified equipment. If you're on the 11 meter band, you're operating outside of any Ham "regulate each other" thing. I personally can appreciate that many Hams have the ability to build, modify, and operate so as to be compatible with other operations on 11 meters, but the reality is that it's not permitted for us to do so on that band. If it were up to me, I'd eliminate CB alltogether (which is easier now that it's seeing less use) and give the spectrum to Hams with an expanded power limit of 10 KW and data bandwidth to 50 KHz. But I don't make those decisions, so it is what it is.

Chuck - N8DNX

On 5/18/2010 4:18 PM, josedouglas@... wrote:
> Does that mean that I can't make my own radio and transmit on it because it's not FCC approved?
> I don't think so...
> Granted 11 metres is not a ham band, but the idea is that we hams regulate each other, that should be enough.
>
> 73s
>
> Jose Douglas
> KB1TCD

30094. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:23:48 UTC
From: Richard Corfield
Topic: 30075 Message: 30094

In the UK a CB radio must be type approved. I'm not sure about the antenna, though there are limitations on the type and size antenna you use which effectively limit it to a loaded vertical against a ground plane. We have some of our local hams who occasionally play CB, but they use type approved kit to do so.

A nice thing about amateur radio is you have a lot more freedom to experiment both with antennas, and once you have the intermediate licence in the UK you can experiment with radios.

It would be technically illegal in the UK for an M3 or M6 licensee to operate a modified radio, even on the amateur frequencies. You can only used a type approved radio or type approved kit built as instructed.

- Richard

On 18 May 2010 20:50, Michael Hughey <rsq14emt@...> wrote:

>
>
> It would be legal to transmit on 11 meters as long as you keep your power
> limited to 5 watts. Using more power might be tempting, but is not advised.
> Case in point, a pair of illegal CB'ers were using illegal power and had a
> harmonic interfere with the VHF ground aproach frequency at Denver
> International Airport (DIA).
> KF4DUS - Mike
>
> -----Original Message-----
> From: Peter Robinson
<peter@robinsoneurml.fsbusiness.co.uk<peter%40robinsoneurml.fsbusiness.co.uk>
> >
> Sent: Tuesday, May 18, 2010 4:47
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re:ft-987 11m
>
> While doing the mod may not be illegal, using the radio on 11m would most
> definitely be illegal.
>
> 73 de Peter GØFIM / AA3JN
>
> [Non-text portions of this message have been removed]
>
> Reply to sender | Reply to group | Reply via web post | Start a New Topic
>
> [The entire original message is not included]
>

> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30095. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:32:55 UTC
From: Carl Wulfestieg
Topic: 30075 Message: 30095

All-
About every month or two, someone mentions 11m and "opening up" the FT-897 for whatever reason. At that point, a long discussion ensues regarding legal or not, build from scratch or modify, US or other country, etc. on and on ad nauseum. Do we really have to go through this again?? I hope not!
88 Cark WZ4CW, SKCC 918, FISTS 13491`

[Non-text portions of this message have been removed]

30096. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:38:34 UTC
From: Joe
Topic: 30075 Message: 30096

As annoying as it may be to the long time readers here, there are enough new readers monthly, that have NOT had the pleasure (sic) of the repeated musing on the 11m topic(s), so...in answer to your question Carl, YES, we really DO have to go through it again....and again.....and again.......

Sorry OM....

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Carl Wulfestieg" <ag4ls@...>
Subject: Re: [FT897] Re:ft-987 11m

> All-
> About every month or two, someone mentions 11m and "opening up" the
> FT-897 for whatever reason. At that point, a long discussion ensues
> regarding legal or not, build from scratch or modify, US or other country,
> etc. on and on ad nauseum. Do we really have to go through this again??
> I hope not!
> 88 Cark WZ4CW, SKCC 918, FISTS 13491`

30097. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 21:44:15 UTC
From: josedouglas@yahoo.com
Topic: 30075 Message: 30097

Joe,

I do not know, and really have no interest on 11 metres.
Didn't even know you needed a license to operate a CB radio.
I just have a problem with "regulations" I guess.
I believe in self regulation, as we have in the ham world.

73s

Jose Douglas
KB1TCD
Round Pond, ME

From: Joe <WA6RKN@...>
To: FT897@yahoogroups.com
Sent: Tue, May 18, 2010 4:25:35 PM
Subject: Re: [FT897] Re:ft-987 11m

I 'believe' only FCC type accepted radios can be used on 11 meters. As
CB'ers do not have to learn any electronics to obtain a license, the Feds do
not trust them to build a CB radio that is 'clean'.

So..no, you cannot build your own radio..has nothing to do with amateur
radio and self regulation.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: <josedouglas@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, May 18, 2010 1:18 PM
Subject: Re: [FT897] Re:ft-987 11m

> Does that mean that I can't make my own radio and transmit on it because
> it's not FCC approved?
> I don't think so...
> Granted 11 metres is not a ham band, but the idea is that we hams regulate
> each other, that should be enough.
>
> 73s
>
> Jose Douglas
> KB1TCD
>

>
>
>
>
> _____
> From: Patrick Ouellette <pat@...>
> To: FT897@yahoogroups.com
> Sent: Tue, May 18, 2010 4:03:35 PM
> Subject: Re: [FT897] Re:ft-987 11m
>
>
> On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>>
>> It would be legal to transmit on 11 meters as long as you keep your power
>> limited to 5 watts. Using more power might be tempting, but is not
>> advised. Case in point, a pair of illegal CB'ers were using illegal
>> power and had a harmonic interfere with the VHF ground aproach frequency
>> at Denver International Airport (DIA).
>> KF4DUS - Mike
>>
>
> Actually it depends on the user's jurisdiction. In the USA, it is
> absolutely
> not legal to use a modified radio to transmit on 11m. The FCC's FAQ
> at
> http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb
>
> spells that out pretty clearly. The radio must be an "unmodified FCC
> certified
> CB unit."
>
> 73,
>
> Pat NE4PO
> --
>
> Patrick Ouellette pat@...
> ne4po (at) arrl (dot) net Amateur Radio: NE4PO
>
> What kind of change have you been in the world today?
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

30098. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 22:01:49 UTC
From: af2c@njdxa.org
Topic: 30075 Message: 30098

I believe that Part 95 of the FCC Rules and Regulations covers Class D Citizens Band (11 meters).

Joe is correct relative to the "Type Accepted" equipment. Presently there is no license requirement to operate on 11m CB, although licensing was required up until (I believe) the mid-1970's. Some believe that the FCC gave up trying to regulate the band.

I'm sure that there are any number of books and/or articles dealing with the "hay-day" of CB.

73,
Jay/AF2C

At 02:44 PM 5/18/2010 -0700, you wrote:
>
>
>Joe,
>
>I do not know, and really have no interest on 11 metres.
>Didn't even know you needed a license to operate a CB radio.
>I just have a problem with "regulations" I guess.
>I believe in self regulation, as we have in the ham world.
>
>73s
>
>Jose Douglas
>KB1TCD
>Round Pond, ME
>
>_____
>From: Joe <<mailto:WA6RKN%40gmail.com>WA6RKN@...>
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Sent: Tue, May 18, 2010 4:25:35 PM
>Subject: Re: [FT897] Re:ft-987 11m
>
>I 'believe' only FCC type accepted radios can be used on 11 meters. As
>CB'ers do not have to learn any electronics to obtain a license, the Feds do
>not trust them to build a CB radio that is 'clean'.
>
>So..no, you cannot build your own radio..has nothing to do with amateur
>radio and self regulation.
>
>Joe Wolfe
>WA6RKN
>Reno, Nevada

>
>----- Original Message -----
>From: <<mailto:josedouglas%40yahoo.com>josedouglas@...>
>To: <<mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com>
>Sent: Tuesday, May 18, 2010 1:18 PM
>Subject: Re: [FT897] Re:ft-987 11m
>
> > Does that mean that I can't make my own radio and transmit on it because
> > it's not FCC approved?
> > I don't think so...
> > Granted 11 metres is not a ham band, but the idea is that we hams regulate
> > each other, that should be enough.
> >
> > 73s
> >
> > Jose Douglas
> > KB1TCD
> >
> >
> >
> >
> >
> > _____
> > From: Patrick Ouellette
> <<mailto:pat%40flying-gecko.net>pat@...>
> > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > Sent: Tue, May 18, 2010 4:03:35 PM
> > Subject: Re: [FT897] Re:ft-987 11m
> >
> >
> > On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
> >>
> >> It would be legal to transmit on 11 meters as long as you keep your power
> >> limited to 5 watts. Using more power might be tempting, but is not
> >> advised. Case in point, a pair of illegal CB'ers were using illegal
> >> power and had a harmonic interfere with the VHF ground aproach frequency
> >> at Denver International Airport (DIA).
> >> KF4DUS - Mike
> >>
> >
> > Actually it depends on the user's jurisdiction. In the USA, it is
> > absolutely
> > not legal to use a modified radio to transmit on 11m. The FCC's FAQ
> > at
> >
> <http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb>http://wireless.fcc.g
ov/services/index.htm?job=service_home&id=cb
> >
> > spells that out pretty clearly. The radio must be an "unmodified FCC
> > certified

> > CB unit."
> >
> > 73,
> >
> > Pat NE4PO
> > --
> >
> > Patrick Ouellette <mailto:pat%40flying-gecko.net>pat@...
> > ne4po (at) arrl (dot) net Amateur Radio: NE4PO
> >
> > What kind of change have you been in the world today?

[Non-text portions of this message have been removed]

30099. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 23:49:39 UTC
From: Carl Wulfestieg
Topic: 30075 Message: 30099

Joe-
No, one doesn't have to go through it over and over- It's all in the archives, several times. Why bother those who are not interested? If someone is interested in 11m topics, then kindly refer them to the appropriate messages in the archives. That seems reasonable to me. I'm not saying "Don't tell the newcomers", I'm saying just don't do it here.
88 Carl WZ4CW

[Non-text portions of this message have been removed]

30100. Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 23:55:30 UTC
From: Bernie
Topic: 30075 Message: 30100

According to what you say then, since most of the questions that are asked are repeated questions, then the reply should then just be "check the archives, the answer is in there".

Bernie
W8NBC

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Joe-
> No, one doesn't have to go through it over and over- It's all in the archives, several times. Why bother those who are not interested? If someone is interested in 11m topics, then kindly refer them to the appropriate messages in the archives. That seems reasonable to me. I'm not saying "Don't tell the newcomers", I'm saying just don't do it here.
> 88 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>

30101. Re: [FT897] Was: ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 00:29:30 UTC
From: Joe
Topic: 30101 Message: 30101

OK gang...I am not the moderator here, but..I can see this is getting circular. Let's drop it before the mod steps in and sends us all to the corner. Everyone has expressed their views..on to more important things!

Like...

Who is using what radio for field day this year? The FT-897? The FT-857? Or another model radio? (I know a fair number of the FT-817's are gonna be used.

What is your preference and why? What antenna (system) are you going to use? Why?

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Bernie" <pizzameister2001@...>
Subject: [FT897] Re:ft-987 11m

> According to what you say then, since most of the questions that are asked
> are repeated questions, then the reply should then just be "check the
> archives, the answer is in there".

30102. Re: [FT897] Was: ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 00:33:01 UTC
From: Dan Schaaf
Topic: 30101 Message: 30102

Here is an "Off Topic" request (since the topic is 11 meters).
Who here is using FT-897D with Ham Radio Deluxe.?

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com
----- Original Message -----
From: Joe
To: FT897@yahoogroups.com
Sent: Tuesday, May 18, 2010 8:29 PM
Subject: Re: [FT897] Was: ft-987 11m

OK gang...I am not the moderator here, but..I can see this is getting
circular. Let's drop it before the mod steps in and sends us all to the
corner. Everyone has expressed their views..on to more important things!

Like...

Who is using what radio for field day this year? The FT-897? The FT-857?
Or another model radio? (I know a fair number of the FT-817's are gonna be
used.

What is your preference and why? What antenna (system) are you going to
use? Why?

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Bernie" <pizzameister2001@...>
Subject: [FT897] Re:ft-987 11m

> According to what you say then, since most of the questions that are asked
> are repeated questions, then the reply should then just be "check the
> archives, the answer is in there".

[Non-text portions of this message have been removed]

30103. Re: [FT897] Was: ft-897 11m; Now: Field Day Choices

Yahoo group: FT897 (2010)
Date: 2010-05-19 00:41:23 UTC
From: Joe
Topic: 30103 Message: 30103

Heh..I see I was typing too fast and getting ahead of my self..

The SUBJECT should read: Was: FT897 11m; Now: Field Day Choices!

I hate it when I do that!

Joe - WA6RKN

----- Original Message -----
From: "Dan Schaaf" <dan-schaaf@...>
Subject: Re: [FT897] Was: ft-987 11m

> Here is an "Off Topic" request (since the topic is 11 meters).
> Who here is using FT-897D with Ham Radio Deluxe.?

30104. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-18 23:39:41 UTC
From: jose menoyo
Topic: 30075 Message: 30104

In the US if you modify a Radio Amateur equipment (Radio) to be used for the 11 meter band, you might loose your radio amateur license.

Jose KP4WF

--- On Tue, 5/18/10, Patrick Ouellette <pat@flying-gecko.net> wrote:

From: Patrick Ouellette <pat@...>
Subject: Re: [FT897] Re:ft-987 11m
To: FT897@yahoogroups.com
Date: Tuesday, May 18, 2010, 1:03 PM

On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>
> It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
> KF4DUS - Mike
>

Actually it depends on the user's jurisdiction. In the USA, it is absolutely
not legal to use a modified radio to transmit on 11m. The FCC's FAQ
at
http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb

spells that out pretty clearly. The radio must be an "unmodified FCC certified
CB unit."

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

[Non-text portions of this message have been removed]

30105. Filters need.

Yahoo group: FT897 (2010)
Date: 2010-05-19 00:05:37 UTC
From: kc2sou
Topic: 30105 Message: 30105

Hello everybody

If anybody has yf-122's for sale please send me an email
looking for cw more the ssb but will look at any...
thanks. kc2sou ron b mycall@...

30106. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 01:26:22 UTC
From: Alan E. Lutz
Topic: 30075 Message: 30106

That's true... within the amateur radio service. CB is NOT in the amateur radio service.

73 de Alan
AE1NH

----- Original Message -----
From: josedouglas@...
To: FT897@yahoogroups.com
Sent: Tuesday, May 18, 2010 4:18 PM
Subject: Re: [FT897] Re:ft-987 11m

Does that mean that I can't make my own radio and transmit on it because it's not FCC approved?
I don't think so...
Granted 11 metres is not a ham band, but the idea is that we hams regulate each other, that should be enough.

73s

Jose Douglas
KB1TCD

From: Patrick Ouellette <pat@...>
To: FT897@yahoogroups.com
Sent: Tue, May 18, 2010 4:03:35 PM
Subject: Re: [FT897] Re:ft-987 11m

On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
>
> It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
> KF4DUS - Mike
>

Actually it depends on the user's jurisdiction. In the USA, it is absolutely
not legal to use a modified radio to transmit on 11m. The FCC's FAQ
at
http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb

spells that out pretty clearly. The radio must be an "unmodified FCC certified
CB unit."

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO

What kind of change have you been in the world today?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30107. Re: ft-897 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 03:24:35 UTC
From: m3vpm
Topic: 30075 Message: 30107

It is againstyour licensing conditions to use amateur radio equipment to transmit on the CB band, and as a licenced amateur you could lose your licence by using amateur radio equipment to transmit on the CB band.You can only use type approved CB radio transceivers which the 897 is not, and if modified so it can/will tx on that band it is not filtered/suppressed etc for 11mtrs it then can/will throw out sproggies etc plus be over the approved pwr limit for the CB band. If you wish to use the CB band why not just buy a type approved radio.

--- In FT897@yahoogroups.com, "m3prq" <m3prq@...> wrote:
>
> Hello has anyone who lives in Cheshire or Merseyside (England)
> done the mod to transmit on 11m band.
> My ft897 has not had any mods done to it at all.
>
> if your willing to do the mod on my ft897
> please get intouch m3prq@...
>
> or via this group.
>

30108. Filters

Yahoo group: FT897 (2010)
Date: 2010-05-19 05:00:39 UTC
From: Alex Schwarz
Topic: 5358 Message: 30108

Hi KC2SOU;

The filters that you are looking for are very expensive.

Can I suggest a alternative. I am the moderator of the MDSRadio Yahoo group and we have been developing a demodulation and DSP software (runs on a Windows PC) with hardware system that takes the 455kHz IF from the option port and converts it down to 12kHz which plugs into the soundcard. From there all the demodulation and the filtering is done in software. The down converter works for DRM as well. The resulting audio is astoundingly clean!
The whole project is a non profit development developed by amateur radio operators. We also have a kit available for cost and we ship worldwide.

Please check out the website: http://users.skynet.be/myspace/mdsr

All the best;

Alex
VE7DXW

[Non-text portions of this message have been removed]

30109. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 05:17:47 UTC
From: Richard Corfield
Topic: 30075 Message: 30109

Maybe we need a regular FAQ posting, a FAQ-bot perhaps. Some old fashioned USENET groups did that. I'm not sure how well it would work on email.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

30110. Re: [FT897] Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 15:46:10 UTC
From: Bryce Anderson
Topic: 30075 Message: 30110

I could not agree more completely
I have been thinking that for a LONG time for two reasons

It gives me a place to start if I have a question.
Or at least helps me formulate a more specific question.

It helps reduces the general e-mail overload by 20 or so posts.

73,
Bryce
K6TI

On Tue, May 18, 2010 at 10:17 PM, Richard Corfield <
richard.corfield@...> wrote:

>
>
> Maybe we need a regular FAQ posting, a FAQ-bot perhaps. Some old fashioned
> USENET groups did that. I'm not sure how well it would work on email.
>
> - Richard (M0RJC)
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

30111. New file uploaded to FT897

Yahoo group: FT897 (2010)
Date: 2010-05-19 16:12:42 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 30111

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /Yaesu FT-897 FAQs.doc
Uploaded by : brycerichard <Bryce2001@...>
Description : FAQs

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/Yaesu%20FT-897%20FAQs.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

brycerichard <Bryce2001@...>

30112. FAQs

Yahoo group: FT897 (2010)
Date: 2010-05-19 16:15:55 UTC
From: brycerichard
Topic: 30112 Message: 30112

I uploaded a file with the condensed version of this 11 meter discussion

Anyone can download the file, add another FAQ, and upload the updated file.

That way no one person has to carry the weight.

In order to make finding it easier, is there some way the FAQ file could be the first file in the "File" section?

73,
Bryce
K6TI

30113. Re: [FT897] FAQs

Yahoo group: FT897 (2010)
Date: 2010-05-19 16:26:58 UTC
From: Joe
Topic: 30112 Message: 30113

Perhaps the owner/moderator could put a note in the new member message about "Information regarding 11m use in the United States with the FT-897(D)/857(D) can be found in the files section, file name", yada, yada, yada.????

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "brycerichard" <Bryce2001@...>
Subject: [FT897] FAQs

>I uploaded a file with the condensed version of this 11 meter discussion
>
> Anyone can download the file, add another FAQ, and upload the updated
> file.
>
> That way no one person has to carry the weight.
>
> In order to make finding it easier, is there some way the FAQ file could
> be the first file in the "File" section?

30114. Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 17:16:14 UTC
From: radiobuff777
Topic: 30075 Message: 30114

Absolutely correct !! FCC Type accepted equip only on 11m folks.

KC2DAQ

--- In FT897@yahoogroups.com, Patrick Ouellette <pat@...> wrote:
>
> On Tue, May 18, 2010 at 01:50:34PM -0600, Michael Hughey wrote:
> >
> > It would be legal to transmit on 11 meters as long as you keep your power limited to 5 watts. Using more power might be tempting, but is not advised. Case in point, a pair of illegal CB'ers were using illegal power and had a harmonic interfere with the VHF ground aproach frequency at Denver International Airport (DIA).
> > KF4DUS - Mike
> >
>
> Actually it depends on the user's jurisdiction. In the USA, it is absolutely
> not legal to use a modified radio to transmit on 11m. The FCC's FAQ
> at
> http://wireless.fcc.gov/services/index.htm?job=service_home&id=cb
>
> spells that out pretty clearly. The radio must be an "unmodified FCC certified
> CB unit."
>
> 73,
>
> Pat NE4PO
> --
>
> Patrick Ouellette pat@...
> ne4po (at) arrl (dot) net Amateur Radio: NE4PO
>
> What kind of change have you been in the world today?
>

30115. Re:ft-987 11m

Yahoo group: FT897 (2010)
Date: 2010-05-19 17:18:43 UTC
From: radiobuff777
Topic: 30075 Message: 30115

I think that's a great idea Chuck.

Jeff, KC2DAQ

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Jose:
>
> I think the point is that in the US 11 meters is not a ham band and
> operations fall under other rules that don't permit custom built or
> modified equipment. If you're on the 11 meter band, you're operating
> outside of any Ham "regulate each other" thing. I personally can
> appreciate that many Hams have the ability to build, modify, and operate
> so as to be compatible with other operations on 11 meters, but the
> reality is that it's not permitted for us to do so on that band. If it
> were up to me, I'd eliminate CB alltogether (which is easier now that
> it's seeing less use) and give the spectrum to Hams with an expanded
> power limit of 10 KW and data bandwidth to 50 KHz. But I don't make
> those decisions, so it is what it is.
>
> Chuck - N8DNX
>
>
>
> On 5/18/2010 4:18 PM, josedouglas@... wrote:
> > > Does that mean that I can't make my own radio and transmit on it because it's not FCC
approved?
> > > I don't think so...
> > > Granted 11 metres is not a ham band, but the idea is that we hams regulate each other,
that should be enough.
> > >
> > > 73s
> > >
> > > Jose Douglas
> > > KB1TCD
>

30116. Re: [FT897] Re: ACC Jack To Steve (and all to)

Yahoo group: FT897 (2010)
Date: 2010-05-19 17:43:10 UTC
From: PY5VB-Villas Boas
Topic: 30002 Message: 30116

Steve:
Have a litle jumper "J27" near TXCO unit in FT-897D and I put it in "REQ" position (TXG is other position for this jumper) and now my ACC Jack is OK.
I put a old keyer in ACC Jack and whem I put it down my 897D put carrier for my IC-AT500 auto antenna tuner. Very nice.

Tnx and 73.

Villas

Em 14/05/2010 14:59, Steve Yates escreveu:
>
> Hi Villas,
>
> It works on mine and I'm not aware of any configuration setting that
> needs to be set. Make sure that you are using a common ground with you
> rig. It sounds like you may have a fault.
>
> I built a small box that has a button on it that I push to tune my
> autotuner. When I push the button it applies a ground to the "TX
> Request" line and a small negative bias voltage to the ALC line. I
> have the bias adjusted so that the rig transmits at about 10 to 20
> Watts when doing this. The nice thing is that it will transmit a
> carrier in any mode (it's zero beat on SSB) and there is no sidetone.
> Whenever I change bands I just push the button for about half a second
> and my antenna is ready to go without activating the SWR protection
> circuit or stressing out the finals. (NOTE: the external ALC voltage
> needs to be disabled when the button is not pushed or it will mess up
> your SSB response. I just use a DPDT switch for the button)
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> PY5VB-Villas Boas <py5vb@...> wrote:
> >
> > Hi All:
> >
> > In operator manual, page 18 (897D rear conectors) , has a description
> > about ACC Jack (item 5)
> >
> > 5- ACC Jack
> > This 3.5-mm 3-pin jack accepts external ALC (Automatic
> > Level Control) voltage from a linear amplifier on the tip
> > connection, and accepts a "Transmit Request" command

> > on the ring connection. The main shaft is the ground re-
> > turn.
> > The "TX Request" connection, when shorted to ground,
> > puts the FT-897D into the transmit mode, and sends out
> > a steady CW carrier, for linear amplifier or manual an-
> > tenna tuner adjustment.
> >
> >
> > I put a 3.5mm 3 pin in this jack and I shorted ring to ground like
> upper
> > description BUT do nothing
> > Is a fault or any configuration ?
> >
> > Tnx for help.
> >
> > 73, Villas - PY5VB
>
>

[Non-text portions of this message have been removed]

30117. MODERATOR MESSAGE: Halt thread Re:ft-987 11m, CB

Yahoo group: FT897 (2010)
Date: 2010-05-19 23:32:50 UTC
From: w4wb
Topic: 30075 Message: 30117

Folks,

Kindly halt this thread. Modifying the FT-897 to operate on bands outside of the amateur bands is not appropriate (CAP and MARS are exceptions). To be clear, it doesn't matter if your country allows such modifications, this modification isn't an acceptable topic for this forum.

Tnx es 73 de Barry W4WB, Moderator

30118. Re: [FT897] I need help in trouble shooting my set up

Yahoo group: FT897 (2010)
Date: 2010-05-20 00:00:32 UTC
From: Danny Loyd
Topic: 30076 Message: 30118

Sounds like you are getting RF back through your mic. If someone else doesn't come up with solution, I will do a little research see what needs to be done. You may have to contact Heil for fix.

Danny
KE5WDI

From: bigbob19722000 <bigbob19722000@...>
To: FT897@yahoogroups.com
Sent: Thu, May 13, 2010 11:20:56 PM
Subject: [FT897] I need help in trouble shooting my set up

Ok, here is the issued:

I have 40 meter Dipole up in a tree about 50 feet inverted Vee. The dipole's coax coming into the shack is about 100 feet away.

In the shack I have a W2IHY(8 band eq) connected with a heil heritage mic to the FT 897 connected to a Tokyo-hy power (via the ARB 704). I also have a MFJ tuner III connected.

The problem arises when I turn the Amp on with the mic connected.
The radio shuts off and turns back on when I try to transmit. On Ten meters there is no problem.

When I connect the original mic and repeat the above situation on 40 meter, I dont have a the problem of the radio turning off.

I would like to get this problem resolved and get this system up and working on the band I like to ragchew on.

Thanks for the help.

Lou KB2QLQ

[Non-text portions of this message have been removed]

30119. MODERATOR MESSAGE: Halt thread Re:ft-987 11m, CB

Yahoo group: FT897 (2010)
Date: 2010-05-20 08:23:54 UTC
From: g8hul
Topic: 30075 Message: 30119

--- In FT897@yahoogroups.com, "w4wb" <w4wb@...> wrote:
>
> Folks,
>
> Kindly halt this thread. Modifying the FT-897 to operate on bands outside of the amateur bands is not appropriate (CAP and MARS are exceptions). To be clear, it doesn't matter if your country allows such modifications, this modification isn't an acceptable topic for this forum.
>
> Tnx es 73 de Barry W4WB, Moderator
>

Hi,

I think that you will find that it will become a much hotter topic when the US FCC 5MHz channel change proposal goes through.

Then US operators will also have to do the wide-band mod, as much of the rest of the world who have 5MHz channels already have to do, as the channel will not be one of the pre-programmed ones.

73
Jeff
G8HUL

30120. 5MHz (was Re: [FT897] MODERATOR MESSAGE: Halt thread Re:ft-987 11m, CB

Yahoo group: FT897 (2010)
Date: 2010-05-20 08:49:03 UTC
From: Richard Corfield
Topic: 30120 Message: 30120

There's a UK experiment at 5MHz at the moment. You need a Notice of Variation on your licence to take part. A friend asked me if I wanted to join him in testing it. We live about 40 or 50 miles apart so quite good for NVIS tests. I'd have to use a magnetic loop or similar in my current location, so see how well such a thing could work for NVIS.

It would be easy to modify the 897 to do this but would need some care to ensure it still performs properly, and also that it does not damage the radio. I'd expect to keep to low power, but I do anyway. The alternative would be to make a radio or modify a kit radio I have which is also an interesting possibility.

- Richard (M0RJC)

On 20 May 2010 09:23, g8hul <g8hul@...> wrote:

> Hi,
>
>
> I think that you will find that it will become a much hotter topic when the
> US FCC 5MHz channel change proposal goes through.
>
> Then US operators will also have to do the wide-band mod, as much of the
> rest of the world who have 5MHz channels already have to do, as the channel
> will not be one of the pre-programmed ones.
>
> 73
> Jeff
> G8HUL
>
> __
>
>

[Non-text portions of this message have been removed]

30121. Re: 5MHz (was Re: [FT897] MODERATOR MESSAGE: Halt thread Re:ft-987 11m, CB

Yahoo group: FT897 (2010)
Date: 2010-05-20 09:35:41 UTC
From: Trixter aka Bret McDanel
Topic: 30120 Message: 30121

On May 20, 2010, at 1:49 AM, Richard Corfield wrote:

> There's a UK experiment at 5MHz at the moment. You need a Notice of
> Variation on your licence to take part.

fortunately 1 of the channels for 60m is shared with the US, but only one of the 5 we have here.

--
Trixter aka Bret McDanel
http://www.0xdecafbad.com

30122. Diplexer/Duplexer?

Yahoo group: FT897 (2010)
Date: 2010-05-21 13:15:28 UTC
From: ritzlimo
Topic: 30122 Message: 30122

I want to use two different antennas off the HF/6 meter antenna output. I currently use a coax switch which is sort of a pain. One goes to my Dentron MLA-2500 for HF and the other goes directly to my main antenna switch. This just ads another coax switch to the whole mess.

Is there a diplexer or duplexer that will work with the 897D that will eliminate the coax switch?

30123. Re: [FT897] Diplexer/Duplexer?

Yahoo group: FT897 (2010)
Date: 2010-05-21 13:19:03 UTC
From: Dan Schaaf
Topic: 30122 Message: 30123

Comet makes Diplxers.
A Duplexer is for same band operation. Such as for repeaters.
Read this months QST and you will see the difference.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

Sent from my Ham Radio Computer since I do not have a Blackberry.
----- Original Message -----
From: ritzlimo
To: FT897@yahoogroups.com
Sent: Friday, May 21, 2010 9:15 AM
Subject: [FT897] Diplexer/Duplexer?

I want to use two different antennas off the HF/6 meter antenna output. I currently use a coax switch which is sort of a pain. One goes to my Dentron MLA-2500 for HF and the other goes directly to my main antenna switch. This just ads another coax switch to the whole mess.

Is there a diplexer or duplexer that will work with the 897D that will eliminate the coax switch?

[Non-text portions of this message have been removed]

30124. Re: [FT897] Diplexer/Duplexer?

Yahoo group: FT897 (2010)
Date: 2010-05-21 13:23:13 UTC
From: Finnigann
Topic: 30122 Message: 30124

On Fri, 21 May 2010 09:15:28 -0400, ritzlimo <k9jms@...> wrote:

>
> I want to use two different antennas off the HF/6 meter antenna output.
> I currently use a coax switch which is sort of a pain. One goes to my
> Dentron MLA-2500 for HF and the other goes directly to my main antenna
> switch. This just ads another coax switch to the whole mess.

> Is there a diplexor or duplexer that will work with the 897D that will
> eliminate the coax switch?

IF you want a signal to go to a single antenna at any one time. I'm afraid
you're still going to need a switch.

IF you're wanting to connect two output's from the back of your radio,
investigate a diplexor.

> --

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

30125. RE: [FT897] Diplexer/Duplexer?

Yahoo group: FT897 (2010)
Date: 2010-05-21 13:31:08 UTC
From: Eric van de Weyer
Topic: 30122 Message: 30125

Comet makes a range of diplexers and triplexers. I use one with my 897 to split HF and 6M. They will work either way around, too so you can use two antennae with the one radio or you can use 2 different band radios with the one multiband antenna.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ritzlimo
Sent: Friday, 21 May 2010 23:15
To: FT897@yahoogroups.com
Subject: [FT897] Diplexer/Duplexer?

I want to use two different antennas off the HF/6 meter antenna output. I currently use a coax switch which is sort of a pain. One goes to my Dentron MLA-2500 for HF and the other goes directly to my main antenna switch. This just ads another coax switch to the whole mess.

Is there a diplexer or duplexer that will work with the 897D that will eliminate the coax switch?

Yahoo! Groups Links

30126. Re: Diplexer/Duplexer?

Yahoo group: FT897 (2010)
Date: 2010-05-21 13:34:50 UTC
From: Bernie
Topic: 30122 Message: 30126

The Diamond MX610 will work to split one transceiver to 2 antennas. The low side covers 1.6 to 20MHz and the high side 49 to 470MHz.

Bernie
W8NBC

--- In FT897@yahoogroups.com, "ritzlimo" <k9jms@...> wrote:
>
> I want to use two different antennas off the HF/6 meter antenna output. I currently use a coax switch which is sort of a pain. One goes to my Dentron MLA-2500 for HF and the other goes directly to my main antenna switch. This just ads another coax switch to the whole mess.
>
> Is there a diplexer or duplexer that will work with the 897D that will eliminate the coax switch?
>

30127. Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 14:36:56 UTC
From: willgord
Topic: 30127 Message: 30127

I operate the 897D under less than ideal conditions. Living in a New York City apartment, I must use a screwdriver antenna inside the apartment with a counterpoise hanging out the window.

Even so, I have logged 75 countries and 46 states. In other words, as imperfect the set-up is, it has worked better than I had expected.

Now I have the bug to upgrade my radio to something better. I had narrowed my choice to a Yaesu FT-950 and an Icom 7000--with the nod going to the 950.

Has anyone compared the 897 with the 950? Any thoughts on one vs. the other would be appreciated. I am looking for a rig with less noise than the 897D and with a more advanced, sophisticated set of filters and more advanced DSP.

I would keep the 897D to use on VHF-UHF. I am intrigued, for instance, by 2 meter SSB. What I am hoping for, with the 950 (or the Icom 7000) would be a quieter radio, with somewhat better selectivity and an improved ability to pull weak stations out of the noise.

I operate phone on 15, 17 and 20 meters--have dabbled with 10 and 40 meters. Also work PSK31, primarily on 20.

So,any thoughts would be appreciated. Lest you think I am deserting my 897D colleagues, I think it is one of the most amazing radios ever made.

Gordon
K2GLW

30128. Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 14:50:14 UTC
From: Dan Schaaf
Topic: 30127 Message: 30128

The 950 has IF DSP. The 897 has AF DSP. As a result, in the 897, you get AGC pumping with strong nearby signals. This is reason enough to buy a 950.
With IF DSP, you can eliminate the nearby QRM in the IF stage before it gets to the AGC circuit.

I use the 920 and it has AF DSP, drives me nuts !!! I also have the 897D. I use the 897D on VHF where you normally do not get too much nearby strong signals. Of course when F2 propagation begins on 6 meters in a few years, that will change on 6 meters.

I use the 897D on 2 meter SSB and CW and it works great.

Once again, in PSK mode, you cannot tolerate nearby strong signals with AF DSP.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

Sent from my Ham Radio Computer since I do not have a Blackberry.

[Non-text portions of this message have been removed]

30129. Re: [FT897] Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 15:03:47 UTC
From: Richard Corfield
Topic: 30127 Message: 30129

On 21 May 2010 15:50, Dan Schaaf <dan-schaaf@...> wrote:

>
>
> Once again, in PSK mode, you cannot tolerate nearby strong signals with AF
> DSP.
>
>
The narrow CW filters combined with IF shift go some way to mitigating this,
but cannot go as far as IF DSP.
ICom still have the upper hand with their twin pasdband idea - simple but
effective.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

30130. Re: [FT897] Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 15:37:08 UTC
From: harry latterman
Topic: 30127 Message: 30130

My 2 cents worth. I have a 897D and the new IC-7200. For the money the 7200 is a far better value then the 7000. You have digital TBF, NB, NR, (3) usere adjustable filters for each mod, band stacking, direct freq input, and a usb port on the back for digital....no interface needed. Small foot print, water/mosture resistant, and a whole lot more. Built like a tank and built to last. If you can live without 6 m FM this is the radio of choice. The 7000 is a great radio but with heating problems and has the same 32 bit dsp + 24 ADC as the 7200 and PRO series/7600 and up.

73
harry

[Non-text portions of this message have been removed]

30131. Re: Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 17:31:19 UTC
From: Steve Yates
Topic: 30127 Message: 30131

--- In FT897@yahoogroups.com, "Dan Schaaf" <dan-schaaf@...> wrote:

..."The 897 has AF DSP. As a result, in the 897, you get AGC pumping with strong nearby signals. This is reason enough to buy a 950.
With IF DSP, you can eliminate the nearby QRM in the IF stage before it gets to the AGC circuit....
...Once again, in PSK mode, you cannot tolerate nearby strong signals with AF DSP."

OR you can just turn the RF Gain back and the AF Gain up, the AGC won't pump and your waterfalls will look better. That's what the RF Gain is for.

I agree that IF DSP before the detector is better given a choice.

73,
Steve - AA5TB

30132. Re: [FT897] Re: Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 18:37:26 UTC
From: Dan Schaaf
Topic: 30127 Message: 30132

Steve

Not necessarily true.

If the signal that you are trying to detect is weak or weaker than the adjacent QRM, then the problem still exists and in weak signals, they can fall off the spectragram (or waterfall if that is what you use) and then the soundcard will not detect it, if you reduce the RF gain. The AF gain has NO effect on the digital port. Only the PC Sound card gain control has an effect. But if the signal ain't there due to adjacent qrm pumping the AGC, then you can't detect the signal of interest.
I have experienced this countless times. Some fool turns on PSK right next to the DX RTTY or PSK signal which is halfway around the world and I lose the DX due to the AGC.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

Sent from my Ham Radio Computer since I do not have a Blackberry.
----- Original Message -----
From: Steve Yates
To: FT897@yahoogroups.com
Sent: Friday, May 21, 2010 1:31 PM
Subject: [FT897] Re: Comparing the 897D with the FT-950

--- In FT897@yahoogroups.com, "Dan Schaaf" <dan-schaaf@...> wrote:

..."The 897 has AF DSP. As a result, in the 897, you get AGC pumping with strong nearby signals. This is reason enough to buy a 950.
With IF DSP, you can eliminate the nearby QRM in the IF stage before it gets to the AGC circuit....
...Once again, in PSK mode, you cannot tolerate nearby strong signals with AF DSP."

OR you can just turn the RF Gain back and the AF Gain up, the AGC won't pump and your waterfalls will look better. That's what the RF Gain is for.

I agree that IF DSP before the detector is better given a choice.

73,
Steve - AA5TB

[Non-text portions of this message have been removed]

30133. Field Day Choices

Yahoo group: FT897 (2010)
Date: 2010-05-22 01:18:15 UTC
From: brycerichard
Topic: 30103 Message: 30133

Why?
Because they are the radios we own

Our group will be almost 100% Yaesu
FT-897D (2) because they have both SSB and CW filters
FT-857D (2)
FT-100D (1) with filters as backup or checking bands
FT-8900 (1) for the UHF/VHF GOTA radio
K-3 (1) for digital (PSK31 & RTTY) because of the filters

We will be operating as K6TI (because it is short)

We will be adding 2 ICE bandpass filters this year

This will be our 3rd year and we learn as we go.

73,
Bryce
K6TI

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> Heh..I see I was typing too fast and getting ahead of my self..
>
> The SUBJECT should read: Was: FT897 11m; Now: Field Day Choices!
>
> I hate it when I do that!
>
> Joe - WA6RKN
>

30134. Re: I need help in trouble shooting my set up

Yahoo group: FT897 (2010)
Date: 2010-05-21 11:39:25 UTC
From: neeba
Topic: 30076 Message: 30134

I solved this problem by putting a snap on choke from radio shack on the mic lead at the radio connection hope this helps. steve n8sms

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Sounds like you are getting RF back through your mic. If someone else doesn't come up with solution, I will do a little research see what needs to be done. You may have to contact Heil for fix.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: bigbob19722000 <bigbob19722000@...>
> To: FT897@yahoogroups.com
> Sent: Thu, May 13, 2010 11:20:56 PM
> Subject: [FT897] I need help in trouble shooting my set up
>
> Â
> Ok, here is the issued:
>
> I have 40 meter Dipole up in a tree about 50 feet inverted Vee. The dipole's coax coming into the shack is about 100 feet away.
>
> In the shack I have a W2IHY(8 band eq) connected with a heil heritage mic to the FT 897 connected to a Tokyo-hy power (via the ARB 704). I also have a MFJ tuner III connected.
>
> The problem arises when I turn the Amp on with the mic connected.
> The radio shuts off and turns back on when I try to transmit. On Ten meters there is no problem.
>
> When I connect the original mic and repeat the above situation on 40 meter, I dont have a the problem of the radio turning off.
>
> I would like to get this problem resolved and get this system up and working on the band I like to ragchew on.
>
> Thanks for the help.
>
> Lou KB2QLQ
>
>

>
>
> [Non-text portions of this message have been removed]
>

30135. Re: Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-22 08:56:01 UTC
From: g8hul
Topic: 30127 Message: 30135

--- In FT897@yahoogroups.com, "Dan Schaaf" <dan-schaaf@...> wrote:
>
> Steve
>
> Not necessarily true.
>
> If the signal that you are trying to detect is weak or weaker than the adjacent QRM, then the problem still exists and in weak signals, they can fall off the spectragram (or waterfall if that is what you use) and then the soundcard will not detect it, if you reduce the RF gain. The AF gain has NO effect on the digital port. Only the PC Sound card gain control has an effect. But if the signal ain't there due to adjacent qrm pumping the AGC, then you can't detect the signal of interest.
> I have experienced this countless times. Some fool turns on PSK right next to the DX RTTY or PSK signal which is halfway around the world and I lose the DX due to the AGC.
>

An IF DSP may well still suffer under these conditions. The A/D has a finite dynamic range, just like an analogue IF, so if your adjacent signal exceeds the dynamic range of the IF DSP input then you either overload with lots of distortion products or you still have to apply AGC before the DSP!!

In reality the best solution is a very steep sided IF filter of the required bandwidth and a very high dynamic range IF of what ever type. However, it will still be nearly impossible to resolve a very weak signal close to a very strong one unless the dynamic range of the IF is greater than the level of the storng signal that leaks into the IF pass band. If that requirement is not met then AGC (or RF gain reduction) will still have to be applied before the IF stages.

73
Jeff

30136. Re: cw filter

Yahoo group: FT897 (2010)
Date: 2010-05-22 10:18:50 UTC
From: JonP
Topic: 7593 Message: 30136

Sorry to resurrect an old thread, but ...

When I look at the W4RT site, he says:

"Improve your CW and PSK operating experience with the 300 Hz or 500-Hz CW filter ... to perform nicely in the CW and PSK modes.

Since PSK is essentially an SSB mode, it would seem to me that it means that there must be some way to invoke the CW filter for sideband. How is that done? Or does the rig automatically use the CW filter when operating in the Digital mode?

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "Dennis" <n8bmb1@...> wrote:
>
> Only - respectively.
>
> Dennis - N8BMB
>
> On Tue, 23 Mar 2010 13:47:00 -0300, Carl Wulfestieg wrote:
>
> Does 'SSB' and 'CW' specify anything other than filter size? Or does it
> mean to be used on SSB and CW exclusively?
>

30137. Re: [FT897] Re: cw filter

Yahoo group: FT897 (2010)
Date: 2010-05-22 11:01:20 UTC
From: Richard Corfield
Topic: 7593 Message: 30137

Whichever mode you're in you select the filter manually using the function buttons. In CW mode the wider filters allow you to search around for that signal before closing in on it. Similarly other narrow modes such as PSK31. Once you've found what you want to listen to you can engage the narrow filter.

It's quite nice in PSK with the waterfall display because you can see the effect of the filter and also the IF Shift function if you use it.

- Richard (M0RJC)

On 22 May 2010 11:18, JonP <jperelst@...> wrote:

>
>
> Sorry to resurrect an old thread, but ...
>
> When I look at the W4RT site, he says:
>
> "Improve your CW and PSK operating experience with the 300 Hz or 500-Hz CW
> filter ... to perform nicely in the CW and PSK modes.
>
> Since PSK is essentially an SSB mode, it would seem to me that it means
> that there must be some way to invoke the CW filter for sideband. How is
> that done? Or does the rig automatically use the CW filter when operating in
> the Digital mode?
>
> Jon
> KB1QBZ
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Dennis" <n8bmb1@...>
> wrote:
> >
> > Only - respectively.
> >
> > Dennis - N8BMB
> >
> > On Tue, 23 Mar 2010 13:47:00 -0300, Carl Wulfestieg wrote:
> >
> > Does 'SSB' and 'CW' specify anything other than filter size? Or does it
> > mean to be used on SSB and CW exclusively?
> >
>
>
>

[Non-text portions of this message have been removed]

30138. Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-22 20:34:17 UTC
From: MichaelE
Topic: 30138 Message: 30138

The Amateur's Creed

The Radio Amateur is:

Considerate...never knowingly uses the air in such a way

to lessen the pleasure of others.

Loyal...offers loyalty, encouragement and support to their

fellow radio amateurs, their local radio club, and to the

American Radio Relay League, through which Amateur

Radio is represented.

Progressive...with knowledge abreast of science. It is

well-built and efficient. Operating practice is above reproach.

Friendly...slow and patient sending when requested,

friendly advice and counsel to the beginner, kindly assistance,

cooperation and consideration for the interests

of others. These are marks of the amateur spirit.

Balanced...radio is their hobby. They never allow it to interfere

with any of the duties they owe to their home,

job, church, school, or community.

Patriotic...their knowledge and their station are always

ready for the service of his country and their community/

Who wrote the Amateur's Creed?

The Amateur Creed was composed in 1928 by Paul M. Segal -

then 9EEA in Denver, and General Counsel of the ARRL. The

creed has been updated a few times over the intervening

years, to update the text and put it into contemporary terms.

The Amateur's Creed appears in a number of ARRL publications

such as the Handbook, and is just as valid today as it has

been for nearly 70 years.

73,

Mike, AE8U

[Non-text portions of this message have been removed]

30139. Re: [FT897] Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 05:25:26 UTC
From: D F
Topic: 30138 Message: 30139

Too bad it is lost on many hams - mostly the older generation. Then again, some don't care anyway - sad though - good words to "hobby" by!

From: MichaelE <ae8u@...>
To: FT897@yahoogroups.com
Sent: Sat, May 22, 2010 3:34:17 PM
Subject: [FT897] Worth a reminder

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73,

Mike, AE8U

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30140. Re: [FT897] Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 09:40:32 UTC
From: josedouglas@yahoo.com
Topic: 30138 Message: 30140

The American Radio Relay League has turnerd into a NGO and a very political one at that.
I can and will never be loyal to the ARRL and ignore all their requests for funding.
I am, however very active in my local Ham Club.

As this is not a political group and we should be discussing the FR897, I don't think we need to go there,
besides there are a lot of non Americans on this group to thankfully this does not apply.

73s

Jose Douglas
Round Pond, ME
KB1TCD

From: D F <n8bmb1@...m>
To: FT897@yahoogroups.com
Sent: Sun, May 23, 2010 1:25:26 AM
Subject: Re: [FT897] Worth a reminder

Too bad it is lost on many hams - mostly the older generation. Then again, some don't care anyway - sad though - good words to "hobby" by!

From: MichaelE <ae8u@...>
To: FT897@yahoogroups.com
Sent: Sat, May 22, 2010 3:34:17 PM
Subject: [FT897] Worth a reminder

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fellow radio amateurs, their local radio club, and to the

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with any of the duties they owe to their home,

job, church, school, or community.

Patriotic...their knowledge and their station are always

ready for the service of his country and their community/

Who wrote the Amateur's Creed?

The Amateur Creed was composed in 1928 by Paul M. Segal -

then 9EEA in Denver, and General Counsel of the ARRL. The

creed has been updated a few times over the intervening

years, to update the text and put it into contemporary terms.

The Amateur's Creed appears in a number of ARRL publications

such as the Handbook, and is just as valid today as it has

been for nearly 70 years.

73,

Mike, AE8U

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30141. Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 13:29:56 UTC
From: Pronto. (Military)
Topic: 30138 Message: 30141

Where I first got my licence, it was called an EXPERIMENTAL RAdio Licence. Not an emergency operators licence or a "Hobby" licence.
The Radio Inspector used to visit regularily to discuss with me on various subjects of Lecher lines and the use of materials as antennas at 2.5 gig.
How times have changed.
jim VE3DDY

--- In FT897@yahoogroups.com, <josedouglas@...> wrote:
>
> The American Radio Relay League has turnerd into a NGO and a very political one at that.
> I can and will never be loyal to the ARRL and ignore all their requests for funding.
> I am, however very active in my local Ham Club.
>
> As this is not a political group and we should be discussing the FR897, I don't think we need to go there,
> besides there are a lot of non Americans on this group to thankfully this does not apply.
>
> 73s
>
> Jose Douglas
> Round Pond, ME
> KB1TCD
>
>
>
>
>
> _____
> From: D F <n8bmb1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, May 23, 2010 1:25:26 AM
> Subject: Re: [FT897] Worth a reminder
>
>
> Too bad it is lost on many hams - mostly the older generation. Then again, some don't care anyway - sad though - good words to "hobby" by!
>
> _____
> From: MichaelE <ae8u@...>
> To: FT897@yahoogroups.com
> Sent: Sat, May 22, 2010 3:34:17 PM
> Subject: [FT897] Worth a reminder
>
>
>

> The Amateur's Creed
>
> The Radio Amateur is:
>
> Considerate...never knowingly uses the air in such a way
>
> to lessen the pleasure of others.
>
> Loyal...offers loyalty, encouragement and support to their
>
> fellow radio amateurs, their local radio club, and to the
>
> American Radio Relay League, through which Amateur
>
> Radio is represented.
>
> Progressive...with knowledge abreast of science. It is
>
> well-built and efficient. Operating practice is above reproach.
>
> Friendly...slow and patient sending when requested,
>
> friendly advice and counsel to the beginner, kindly assistance,
>
> cooperation and consideration for the interests
>
> of others. These are marks of the amateur spirit.
>
> Balanced...radio is their hobby. They never allow it to interfere
>
> with any of the duties they owe to their home,
>
> job, church, school, or community.
>
> Patriotic...their knowledge and their station are always
>
> ready for the service of his country and their community/
>
> Who wrote the Amateur's Creed?
>
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> then 9EEA in Denver, and General Counsel of the ARRL. The
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> creed has been updated a few times over the intervening
>
> years, to update the text and put it into contemporary terms.
>
> The Amateur's Creed appears in a number of ARRL publications
>

> such as the Handbook, and is just as valid today as it has
>
> been for nearly 70 years.
>
> 73,
>
> Mike, AE8U
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30142. (no subject)

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:03:40 UTC
From: Ken Wilson
Topic: 30142 Message: 30142

Really good to remind folks about what the hobby is about. I get put out trying to pick up a few DX stations with the inconsiderate operators that start calling before the station comes back with a QRZ. These are often the big gun stations and bragging about their 1000 or 1500 watts and an 80' tower.

I'll put my soap box away now.

Ken Wilson
KE5DFR@...
Cypress, Texas

[Non-text portions of this message have been removed]

30143. RE: [FT897] Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:03:49 UTC
From: Joseph Richard
Topic: 30138 Message: 30143

What does "NGO" mean?

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Pronto. (Military)
Sent: Sunday, May 23, 2010 8:30 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Worth a reminder

Where I first got my licence, it was called an EXPERIMENTAL RAdio Licence. Not an emergency operators licence or a "Hobby" licence.
The Radio Inspector used to visit regularily to discuss with me on various subjects of Lecher lines and the use of materials as antennas at 2.5 gig.
How times have changed.
jim VE3DDY

--- In FT897@yahoogroups.com, <josedouglas@...> wrote:
>
> The American Radio Relay League has turnerd into a NGO and a very political one at that.
> I can and will never be loyal to the ARRL and ignore all their requests for funding.
> I am, however very active in my local Ham Club.
>
> As this is not a political group and we should be discussing the
> FR897, I don't think we need to go there, besides there are a lot of non Americans on this group to thankfully this does not apply.
>
> 73s
>
> Jose Douglas
> Round Pond, ME
> KB1TCD
>
>
>
>
>
>
> _____
> From: D F <n8bmb1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, May 23, 2010 1:25:26 AM
> Subject: Re: [FT897] Worth a reminder
>

>
> Too bad it is lost on many hams - mostly the older generation. Then
again, some don't care anyway - sad though - good words to "hobby" by!
>
> _____
> From: MichaelE <ae8u@...>
> To: FT897@yahoogroups.com
> Sent: Sat, May 22, 2010 3:34:17 PM
> Subject: [FT897] Worth a reminder
>
>
>
> The Amateur's Creed
>
> The Radio Amateur is:
>
> Considerate...never knowingly uses the air in such a way
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> to lessen the pleasure of others.
>
> Loyal...offers loyalty, encouragement and support to their
>
> fellow radio amateurs, their local radio club, and to the
>
> American Radio Relay League, through which Amateur
>
> Radio is represented.
>
> Progressive...with knowledge abreast of science. It is
>
> well-built and efficient. Operating practice is above reproach.
>
> Friendly...slow and patient sending when requested,
>
> friendly advice and counsel to the beginner, kindly assistance,
>
> cooperation and consideration for the interests
>
> of others. These are marks of the amateur spirit.
>
> Balanced...radio is their hobby. They never allow it to interfere
>
> with any of the duties they owe to their home,
>
> job, church, school, or community.
>
> Patriotic...their knowledge and their station are always
>
> ready for the service of his country and their community/
>

> Who wrote the Amateur's Creed?
>
> The Amateur Creed was composed in 1928 by Paul M. Segal -
>
> then 9EEA in Denver, and General Counsel of the ARRL. The
>
> creed has been updated a few times over the intervening
>
> years, to update the text and put it into contemporary terms.
>
> The Amateur's Creed appears in a number of ARRL publications
>
> such as the Handbook, and is just as valid today as it has
>
> been for nearly 70 years.
>
> 73,
>
> Mike, AE8U
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

30144. Re: [FT897] Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:23:27 UTC
From: Carl Wulfestieg
Topic: 30138 Message: 30144

Non-Government Organization 73 Carl WZ4CW

[Non-text portions of this message have been removed]

30145. Re: [FT897] Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:22:48 UTC
From: Finnigann
Topic: 30138 Message: 30145

On Sun, 23 May 2010 10:03:49 -0400, Joseph Richard
<jrichard333@...> wrote:

>
> What does "NGO" mean?
>

Non-governmental organization

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

30146. RE: [FT897] Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:31:46 UTC
From: Joseph Richard
Topic: 30138 Message: 30146

Thanks a lot.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Sunday, May 23, 2010 9:23 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Worth a reminder

On Sun, 23 May 2010 10:03:49 -0400, Joseph Richard <jrichard333@...> wrote:

>
> What does "NGO" mean?
>

Non-governmental organization

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30147. Re: [FT897] Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-23 14:45:26 UTC
From: Richard Corfield
Topic: 30138 Message: 30147

There's still a lot of experimentation going on - whether it's at the individual level learning about radio (so repeating others' experiments) or people trying something new.

- Richard

On 23 May 2010 14:29, Pronto. (Military) <portdoverbells@...> wrote:

>
>
> Where I first got my licence, it was called an EXPERIMENTAL RAdio Licence.
> Not an emergency operators licence or a "Hobby" licence.
> The Radio Inspector used to visit regularily to discuss with me on various
> subjects of Lecher lines and the use of materials as antennas at 2.5 gig.
> How times have changed.
> jim VE3DDY
>
>

[Non-text portions of this message have been removed]

30148. New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-23 20:01:39 UTC
From: Jirka MWW
Topic: 30148 Message: 30148

Halo hams,

my FT897D has a serial number starting with 7K (September 2007) and I am
not able to find the right service manual for it.
All which I have found on the web is dated 2005. The main difference, which
I have found up to now is that my 897 is equipped on VHF/UHF PA
with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
You have any idea , where to find a service manual for this model ?

Many thanks and 73!

Jirka OK1MWW

[Non-text portions of this message have been removed]

30149. Re: I need help in trouble shooting my set up

Yahoo group: FT897 (2010)
Date: 2010-05-24 02:43:41 UTC
From: amccom2
Topic: 30076 Message: 30149

Danny,
even though I have ferrites and ground straps in my case even with a tuner at the antenna input outside of the house.. for the past 7 yrs I ahve been unable to operate on 160 and most of 80 with a 360 foot loop... never had this problem with my 40 yr old tube. Unit. So.... not a new problem. In my case I do not need to turn on an AMP. It does it on low power even...
Hope you solve it .... I have given up.
K9BW

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Sounds like you are getting RF back through your mic. If someone else doesn't come up with solution, I will do a little research see what needs to be done. You may have to contact Heil for fix.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: bigbob19722000 <bigbob19722000@...>
> To: FT897@yahoogroups.com
> Sent: Thu, May 13, 2010 11:20:56 PM
> Subject: [FT897] I need help in trouble shooting my set up
>
> Â
> Ok, here is the issued:
>
> I have 40 meter Dipole up in a tree about 50 feet inverted Vee. The dipole's coax coming into the shack is about 100 feet away.
>
> In the shack I have a W2IHY(8 band eq) connected with a heil heritage mic to the FT 897 connected to a Tokyo-hy power (via the ARB 704). I also have a MFJ tuner III connected.
>
> The problem arises when I turn the Amp on with the mic connected.
> The radio shuts off and turns back on when I try to transmit. On Ten meters there is no problem.
>
> When I connect the original mic and repeat the above situation on 40 meter, I dont have a the problem of the radio turning off.
>
> I would like to get this problem resolved and get this system up and working on the band I like to ragchew on.

>
> Thanks for the help.
>
> Lou KB2QLQ
>
>
>
>
> [Non-text portions of this message have been removed]
>

30150. Re: FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-24 02:48:30 UTC
From: amccom2
Topic: 29986 Message: 30150

Good idea.
I have a 1:1 at the antenna and another one at the transceiver.
Even with two very large expensive ones... not improvement.
vr
K9bw

--- In FT897@yahoogroups.com, "ai4wu" <cwhite3424@...> wrote:
>
> Assuming the RF is getting into your shack via the transmission line, you might try a 1:1 balun before the coax enters the shack. You can make one from several turns of coax pretty easily. Just Google coax balun.
>
> --- In FT897@yahoogroups.com, "amccom2" <amccom2@> wrote:
> >
> > Fellow hams.
> > Has anyone solved their feedback problem or had one.
> > On my base station... I never operate mobile, on 160 and sometimes on 75 meters after a nice 1:1 swr load up... it goes exponential and shuts down. antenna is 400 plus foot loop with tuner at the antenna end not the transmitter. grounded even my bid toe and ferites every where.
> > Boy do i hate this solid state junk. Never ever had these problems with reliable tubes... Not a mismatch at antenna. The turner is at the base of the antenna and station about 50 feet of coax.
> > 73
> > K9bw
> >
>

30151. Re: FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-24 02:53:30 UTC
From: amccom2
Topic: 29986 Message: 30151

It is an SGC tuner right at the antenna input... so the cable is 1:1 all the way to the transmitter. No big SWR problems at all. Also it happens when running low power. I do not use a linear. My junk Galaxy V never gave me any problems running even a linear with less than good SWR. This is not an SWR problem. It is a Yaesu piece of !@##$!@$ problem. I have chokes and ferrites all over the place.
K9bw

--- In FT897@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Are you talking RFI?
>
> Yep, tube radios/finals were much more forgiving for matching loads.
>
> Have you tried the Radioworks
> (http://www.radioworks.com/nbalun.html#RFIapplications) Line
> Isolators. They have helped me many times.
>
> The MFJ954 is great for measuring RF current problems.
>
> What sort of tuner is at the antenna?
>
> Mike VA3MW
>
> amccom2 wrote:
> >
> >
> > Fellow hams.
> > Has anyone solved their feedback problem or had one.
> > On my base station... I never operate mobile, on 160 and sometimes on
> > 75 meters after a nice 1:1 swr load up... it goes exponential and
> > shuts down. antenna is 400 plus foot loop with tuner at the antenna
> > end not the transmitter. grounded even my bid toe and ferites every
> > where.
> > Boy do i hate this solid state junk. Never ever had these problems
> > with reliable tubes... Not a mismatch at antenna. The turner is at the
> > base of the antenna and station about 50 feet of coax.
> > 73
> > K9bw
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

30152. Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-24 15:00:33 UTC
From: rschaffrath
Topic: 30148 Message: 30152

I gather the 2005 version you are referring to is the one labeled FT-897/FT-897D. I have that one as well and have not heard of any updates. I had found a website that documented the changeover to the superior RD70HVF1 but no further details. I bookmarked it on another computer. I have a FT-897D from 2006 and have been meaning to check which transistor I have.

Robert, N2JTX

--- In FT897@yahoogroups.com, Jirka MWW <jirka.mww@...> wrote:
>
> Halo hams,
>
> my FT897D has a serial number starting with 7K (September 2007) and I am
> not able to find the right service manual for it.
> All which I have found on the web is dated 2005. The main difference, which
> I have found up to now is that my 897 is equipped on VHF/UHF PA
> with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
> You have any idea , where to find a service manual for this model ?
>
> Many thanks and 73!
>
> Jirka OK1MWW
>
>
> [Non-text portions of this message have been removed]
>

30153. satalite

Yahoo group: FT897 (2010)
Date: 2010-05-24 17:47:49 UTC
From: m0jfeio83lw
Topic: 30153 Message: 30153

Any one done satalite work on the 897 and if so how did you get on with the doppler shift?
Just thought if it was possible on the one radio as oppose using two radio's
Thanks
John M0JFE

30154. RE: [FT897] satalite

Yahoo group: FT897 (2010)
Date: 2010-05-24 18:01:35 UTC
From: Michael Hughey
Topic: 30153 Message: 30154

I talked with someone when I lived in Virginia Beach that used an FT - 817 with a handheld dual band beam antenna from his hotel room on 5 watts. I think he told me that he had to just listen and manually tune as the satellite passed. I'm not sure how to do it. I think it's covered in the manual under odd splits.

Mike KF4DUS

-----Original Message-----
From: m0jfeio83lw <m0jfe@...>
Sent: Monday, May 24, 2010 11:47
To: FT897@yahoogroups.com
Subject: [FT897] satalite

Any one done satalite work on the 897 and if so how did you get on with the doppler shift? Just thought if it was possible on the one radio as oppose using two radio's
Thanks
John M0JFE

Reply to sender | Reply to group | Reply via web post | Start a New TopicMessages in this

[The entire original message is not included]

[Non-text portions of this message have been removed]

30155. Re: [FT897] satalite

Yahoo group: FT897 (2010)
Date: 2010-05-24 19:02:54 UTC
From: Marc DAVID
Topic: 30153 Message: 30155

I used Ham Radio Deluxe for satellite activation (AO-51) ...

Marc, F1RHX

m0jfeio83lw a écrit :
>
>
> Any one done satalite work on the 897 and if so how did you get on
> with the doppler shift? Just thought if it was possible on the one
> radio as oppose using two radio's
> Thanks
> John M0JFE
>
>

[Non-text portions of this message have been removed]

30156. Re: [FT897] satalite

Yahoo group: FT897 (2010)
Date: 2010-05-24 20:27:40 UTC
From: Jirka MWW
Topic: 30153 Message: 30156

In my manual (English, 2007) the satellite operation is described in
details at the page 68. In case of interest,
I can make a scan and upload to the web.

73! Jirka OK1MWW

2010/5/24 m0jfeio83lw <m0jfe@...>

>
>
> Any one done satalite work on the 897 and if so how did you get on with the
> doppler shift? Just thought if it was possible on the one radio as oppose
> using two radio's
> Thanks
> John M0JFE
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

30157. Re: [FT897] Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-24 20:22:05 UTC
From: Jirka MWW
Topic: 30148 Message: 30157

Hi Robert,

thanks for reply. It seems to me that this innovation made by Yaesu is
somehow hidden up to now. I did not found any information on the
web about it. Maybe somebody from Yaesu is here and could give some input
to us.

73! Jirka OK1MWW

2010/5/24 rschaffrath <robert@...>

>
>
> I gather the 2005 version you are referring to is the one labeled
> FT-897/FT-897D. I have that one as well and have not heard of any updates. I
> had found a website that documented the changeover to the superior RD70HVF1
> but no further details. I bookmarked it on another computer. I have a
> FT-897D from 2006 and have been meaning to check which transistor I have.
>
> Robert, N2JTX
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Jirka MWW
> <jirka.mww@...> wrote:
> >
> > Halo hams,
> >
> > my FT897D has a serial number starting with 7K (September 2007) and I am
> > not able to find the right service manual for it.
> > All which I have found on the web is dated 2005. The main difference,
> which
> > I have found up to now is that my 897 is equipped on VHF/UHF PA
> > with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
> > You have any idea , where to find a service manual for this model ?
> >
> > Many thanks and 73!
> >
> > Jirka OK1MWW
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

30158. Re: [FT897] satalite

Yahoo group: FT897 (2010)
Date: 2010-05-24 20:45:21 UTC
From: Finnigann
Topic: 30153 Message: 30158

On Mon, 24 May 2010 16:27:40 -0400, Jirka MWW <jirka.mww@...> wrote:

> In my manual (English, 2007) the satellite operation is described in
> details at the page 68. In case of interest,
> I can make a scan and upload to the web.
>
> 73! Jirka OK1MWW
>
> 2010/5/24 m0jfeio83lw <m0jfe@...>

Or you can get your own copy here: http://tinyurl.com/329g4o

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

30159. Re: [FT897] Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-24 23:41:15 UTC
From: JAMES AMBURN
Topic: 30148 Message: 30159

Hi All,
I think what you are seeing with the new finals is that the old final transistors are no longer available and there is a different biasing required for the new transistors.
Jim/N0TUI
----- Original Message -----
From: Jirka MWW<mailto:jirka.mww@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 24, 2010 2:22 PM
Subject: Re: [FT897] Re: New version of FT897D

Hi Robert,

thanks for reply. It seems to me that this innovation made by Yaesu is
somehow hidden up to now. I did not found any information on the
web about it. Maybe somebody from Yaesu is here and could give some input
to us.

73! Jirka OK1MWW

2010/5/24 rschaffrath <robert@...<mailto:robert@...>>

>
>
> I gather the 2005 version you are referring to is the one labeled
> FT-897/FT-897D. I have that one as well and have not heard of any updates. I
> had found a website that documented the changeover to the superior RD70HVF1
> but no further details. I bookmarked it on another computer. I have a
> FT-897D from 2006 and have been meaning to check which transistor I have.
>
> Robert, N2JTX
>
>
> --- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com> <FT897%40yahoogroups.com>,
Jirka MWW
> <jirka.mww@...> wrote:
> >
> > Halo hams,
> >
> > my FT897D has a serial number starting with 7K (September 2007) and I am
> > not able to find the right service manual for it.
> > All which I have found on the web is dated 2005. The main difference,
> which
> > I have found up to now is that my 897 is equipped on VHF/UHF PA
> > with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
> > You have any idea , where to find a service manual for this model ?
> >

> > Many thanks and 73!
> >
> > Jirka OK1MWW
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30160. RE: [FT897] Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-25 00:49:33 UTC
From: Bruce Krell
Topic: 30148 Message: 30160

If this is a 1-1 parts replace, then the signal processing flow of the block diagram should be the same.

In that case, Yeasu would not likely bother issuing any updates to the manuals.

Why should they spend money if the changes are minor.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JAMES AMBURN
Sent: Monday, May 24, 2010 4:41 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: New version of FT897D

Hi All,
I think what you are seeing with the new finals is that the old final transistors are no longer available and there is a different biasing required for the new transistors.
Jim/N0TUI
----- Original Message -----
From: Jirka MWW<mailto:jirka.mww@... <mailto:jirka.mww%40gmail.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> >
Sent: Monday, May 24, 2010 2:22 PM
Subject: Re: [FT897] Re: New version of FT897D

Hi Robert,

thanks for reply. It seems to me that this innovation made by Yaesu is somehow hidden up to now. I did not found any information on the web about it. Maybe somebody from Yaesu is here and could give some input to us.

73! Jirka OK1MWW

2010/5/24 rschaffrath <robert@...
<mailto:robert%40schaffrath.net> <mailto:robert@...
<mailto:robert%40schaffrath.net> >>

>
>
> I gather the 2005 version you are referring to is the one labeled
> FT-897/FT-897D. I have that one as well and have not heard of any updates.
I
> had found a website that documented the changeover to the superior
RD70HVF1
> but no further details. I bookmarked it on another computer. I have a

> FT-897D from 2006 and have been meaning to check which transistor I have.
>
> Robert, N2JTX
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> >
<FT897%40yahoogroups.com>, Jirka MWW
> <jirka.mww@...> wrote:
> >
> > Halo hams,
> >
> > my FT897D has a serial number starting with 7K (September 2007) and I
am
> > not able to find the right service manual for it.
> > All which I have found on the web is dated 2005. The main difference,
> which
> > I have found up to now is that my 897 is equipped on VHF/UHF PA
> > with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
> > You have any idea , where to find a service manual for this model ?
> >
> > Many thanks and 73!
> >
> > Jirka OK1MWW
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30161. Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-25 10:31:22 UTC
From: Geert Jan de Groot
Topic: 30148 Message: 30161

> > my FT897D has a serial number starting with 7K (September 2007) and I am
> > not able to find the right service manual for it.
> > All which I have found on the web is dated 2005. The main difference, which
> > I have found up to now is that my 897 is equipped on VHF/UHF PA
> > with the FET RD70HVF1 instead of original bipolar transistor 2SC3162. Do
> > You have any idea , where to find a service manual for this model ?

> thanks for reply. It seems to me that this innovation made by Yaesu is
> somehow hidden up to now. I did not found any information on the
> web about it. Maybe somebody from Yaesu is here and could give some input
> to us.

The service manuals on the Internet are obsolete and incomplete,
presumably from the time the product was introduced on the market.
Current manuals can be purchased for a nominal fee (UKP 10 plus
shipping) from Yaesu. For that kind of money I just buy the real thing
and let Yaesu know I appreciate them making these manuals for me.
I have RevC docs.

The switch from transistor to FET was made starting lot 69,
according to their docs.

There have been numerous changes in the design throughout the years.
Details are in the docs

73,

Geert Jan PE1HZG

30162. Re: [FT897] Re: New version of FT897D

Yahoo group: FT897 (2010)
Date: 2010-05-25 20:33:41 UTC
From: Jirka MWW
Topic: 30148 Message: 30162

It is not only the final transistor, which is different, the main unit board
is redesigned, the component
placement is significantly different too. Where on the web it is possible
to buy service manual from Yaesu ?
Could You help me ? I am not able to find it.

73! Jirka OK1MWW

2010/5/25 Geert Jan de Groot <pe1hzg@...>

>
>
> > > my FT897D has a serial number starting with 7K (September 2007) and I
> am
> > > not able to find the right service manual for it.
> > > All which I have found on the web is dated 2005. The main difference,
> which
> > > I have found up to now is that my 897 is equipped on VHF/UHF PA
> > > with the FET RD70HVF1 instead of original bipolar transistor 2SC3162.
> Do
> > > You have any idea , where to find a service manual for this model ?
>
> > thanks for reply. It seems to me that this innovation made by Yaesu is
> > somehow hidden up to now. I did not found any information on the
> > web about it. Maybe somebody from Yaesu is here and could give some input
> > to us.
>
> The service manuals on the Internet are obsolete and incomplete,
> presumably from the time the product was introduced on the market.
> Current manuals can be purchased for a nominal fee (UKP 10 plus
> shipping) from Yaesu. For that kind of money I just buy the real thing
> and let Yaesu know I appreciate them making these manuals for me.
> I have RevC docs.
>
> The switch from transistor to FET was made starting lot 69,
> according to their docs.
>
> There have been numerous changes in the design throughout the years.
> Details are in the docs
>
> 73,
>
> Geert Jan PE1HZG
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

30163. Re: [FT897] Re: FT897 feed-back problem

Yahoo group: FT897 (2010)
Date: 2010-05-24 04:39:54 UTC
From: Lee Moyle
Topic: 29986 Message: 30163

could it be RF getting to your power supply via dc leads or mains and shutting down? just a thought as it would look like a radio issue.

Regards
Lee VK3GK

----- Original Message -----
From: amccom2
To: FT897@yahoogroups.com
Sent: Monday, May 24, 2010 12:53 PM
Subject: [FT897] Re: FT897 feed-back problem

It is an SGC tuner right at the antenna input... so the cable is 1:1 all the way to the transmitter. No big SWR problems at all. Also it happens when running low power. I do not use a linear. My junk Galaxy V never gave me any problems running even a linear with less than good SWR. This is not an SWR problem. It is a Yaesu piece of !@##$!@$ problem. I have chokes and ferrites all over the place.
K9bw

--- In FT897@yahoogroups.com, Michael Walker <va3mw@...> wrote:
>
> Are you talking RFI?
>
> Yep, tube radios/finals were much more forgiving for matching loads.
>
> Have you tried the Radioworks
> (http://www.radioworks.com/nbalun.html#RFIapplications) Line
> Isolators. They have helped me many times.
>
> The MFJ954 is great for measuring RF current problems.
>
> What sort of tuner is at the antenna?
>
> Mike VA3MW
>
> amccom2 wrote:
> >
> >
> > Fellow hams.
> > Has anyone solved their feedback problem or had one.
> > On my base station... I never operate mobile, on 160 and sometimes on
> > 75 meters after a nice 1:1 swr load up... it goes exponential and
> > shuts down. antenna is 400 plus foot loop with tuner at the antenna
> > end not the transmitter. grounded even my bid toe and ferites every
> > where.
> > Boy do i hate this solid state junk. Never ever had these problems

> > with reliable tubes... Not a mismatch at antenna. The turner is at the
> > base of the antenna and station about 50 feet of coax.
> > 73
> > K9bw
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30164. Re: [FT897] Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 14:49:56 UTC
From: Dan Schaaf
Topic: 30127 Message: 30164

The 950 has IF DSP. The 897 has AF DSP. As a result, in the 897, you get AGC pumping with strong nearby signals. This is reason enough to buy a 950.
With IF DSP, you can eliminate the nearby QRM in the IF stage before it gets to the AGC circuit.

I use the 920 and it has AF DSP, drives me nuts !!! I also have the 897D. I use the 897D on VHF where you normally do not get too much nearby strong signals. Of course when F2 propagation begins on 6 meters in a few years, that will change on 6 meters.

I use the 897D on 2 meter SSB and CW and it works great.

Once again, in PSK mode, you cannot tolerate nearby strong signals with AF DSP.

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

Sent from my Ham Radio Computer since I do not have a Blackberry.
----- Original Message -----
From: willgord
To: FT897@yahoogroups.com
Sent: Friday, May 21, 2010 10:36 AM
Subject: [FT897] Comparing the 897D with the FT-950

I operate the 897D under less than ideal conditions. Living in a New York City apartment, I must use a screwdriver antenna inside the apartment with a counterpoise hanging out the window.

Even so, I have logged 75 countries and 46 states. In other words, as imperfect the set-up is, it has worked better than I had expected.

Now I have the bug to upgrade my radio to something better. I had narrowed my choice to a Yaesu FT-950 and an Icom 7000--with the nod going to the 950.

Has anyone compared the 897 with the 950? Any thoughts on one vs. the other would be appreciated. I am looking for a rig with less noise than the 897D and with a more advanced, sophisticated set of filters and more advanced DSP.

I would keep the 897D to use on VHF-UHF. I am intrigued, for instance, by 2 meter SSB. What I am hoping for, with the 950 (or the Icom 7000) would be a quieter radio, with somewhat better selectivity and an improved ability to pull weak stations out of the noise.

I operate phone on 15, 17 and 20 meters--have dabbled with 10 and 40 meters. Also work PSK31, primarily on 20.

So,any thoughts would be appreciated. Lest you think I am deserting my 897D colleagues, I think it is one of the most amazing radios ever made.

Gordon
K2GLW

[Non-text portions of this message have been removed]

30165. Re: [FT897] Comparing the 897D with the FT-950

Yahoo group: FT897 (2010)
Date: 2010-05-21 15:08:56 UTC
From: Dan Schaaf
Topic: 30127 Message: 30165

Richard

I have seen too many times when operating RTTY where a PSK signal right next to the FSK has run the RTTY into the ground.

If Icom is better so be it.
IF DSP is the ONLY way to go.
No matter Yaesu or Icom

Dan Schaaf
K3ZXL
"In the Beginning there was Spark Gap"
www.k3zxl.com

Sent from my Ham Radio Computer since I do not have a Blackberry.
----- Original Message -----
From: Richard Corfield
To: FT897@yahoogroups.com
Sent: Friday, May 21, 2010 11:03 AM
Subject: Re: [FT897] Comparing the 897D with the FT-950

On 21 May 2010 15:50, Dan Schaaf <dan-schaaf@...> wrote:

>
>
> Once again, in PSK mode, you cannot tolerate nearby strong signals with AF
> DSP.
>
>
The narrow CW filters combined with IF shift go some way to mitigating this,
but cannot go as far as IF DSP.
ICom still have the upper hand with their twin pasdband idea - simple but
effective.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30166. Package FOR SALE: FT-897D, AT-897Plus Tuner, Int. Batteries, Charger, SSB Filter

Yahoo group: FT897 (2010)
Date: 2010-05-26 01:57:12 UTC
From: Tommy
Topic: 30166 Message: 30166

Complete Package For sale:
Yaesu FT-897D HF/VHF/UHF Rig w/ 60m and TCXO built-in,
with DC cord & manual included,
including LDG AT-897Plus Tuner (installed), (2)W4RT OPP-897 High-capacity 4500 mAh Internal batteries (installed), W4RT OFC-897 Charger for internal batteries, W4RT OPF-Y-SSB 2.3-kHz SSB filter (installed and menu-programmed). I am including a FREE RadioWavz 40m End Fed Half Wave (EFH-40) antenna and FREE SHIPPING (Continental U.S. only).

This complete package for sale for $1300 US Postal Service Money Order please.
(Regular price of all these items online would be about $1500+tax+shipping.)
Makes a great complete station for upcoming Field Day!!!

Entire contents are brand new, just purchased in Feb. 2010,
and only used a few times. Non-smoker. Reason for suddenly selling is to cover expenses of replacing my home-business laptop and camera that died. Unfortunately, business comes before pleasure, and sadly I must sell.

Please contact me at: KG4TDM @ arrl .net
Photos available upon request.

73,
Tommy
KG4TDM

30167. Re: Worth a reminder

Yahoo group: FT897 (2010)
Date: 2010-05-26 02:35:56 UTC
From: JonP
Topic: 30138 Message: 30167

Yes, and it's amazing how many of the old timers moan about that experimentation because it uses new modes of communications such as PSK or packet, or uses the internet to extend the flexibility and functionality of radio.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> There's still a lot of experimentation going on - whether it's at the
> individual level learning about radio (so repeating others' experiments) or
> people trying something new.
>

30168. Re: Package FOR SALE: FT-897D, AT-897Plus Tuner, Int. Batteries, Charger, SSB Filter

Yahoo group: FT897 (2010)
Date: 2010-05-26 11:36:01 UTC
From: ke5dfr@sbcglobal.net
Topic: 30166 Message: 30168

Tommy, you are a bit high for used equipment...even "nearly new"

73, KE5DFR

--- In FT897@yahoogroups.com, "Tommy" <kg4tdm@...> wrote:
>
> Complete Package For sale:
> Yaesu FT-897D HF/VHF/UHF Rig w/ 60m and TCXO built-in,
>> Tommy
> KG4TDM
>

30169. Re: [FT897] Package FOR SALE: FT-897D, AT-897Plus Tuner, Int. Batteries, Charger, SSB Filter

Yahoo group: FT897 (2010)
Date: 2010-05-26 11:44:30 UTC
From: Dean Nash
Topic: 30166 Message: 30169

Yeah, I'd sell my setup for $1300 too..... Then I could go out and buy all new for about $1450. Sounds like a plan to me....

Anybody interested?

73 de N4SHD

--- In FT897@yahoogroups.com, "Tommy" <kg4tdm@...> wrote:
>
> Complete Package For sale:
> Yaesu FT-897D HF/VHF/UHF Rig w/ 60m and TCXO built-in,
>> Tommy
> KG4TDM
>

[Non-text portions of this message have been removed]

30170. New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-26 16:21:33 UTC
From: delano1981
Topic: 30170 Message: 30170

Hello everyone,

I am the new owner of a brand new FT-897D, and let me say from the start I am just starting out in HF, so I don't have alot of experience. But I have a question about noise with this radio.

I hooked it up to my Windom dipole antenna for the first time last night and experienced very high levels of noise on 20 meters down. The level was S-8 to +10 the whole time. I checked it against my first HF transceiver, an Icom 718 hooked up to the same antenna, and the Icom noise level was fluctuating between 0 and S-5, significantly lower. Is the 897D known to be this noisy or could there be some other source of interference or something? Also, according to the manual the radio has a pre-amp mode on by default, which is disabled by turning on IPO. Should this radio be running with IPO on most of the time, or is it recommended to have IPO off as the standard operating configuration. When I turned on the pre-amp on the Icom 718 the noise levels were about the same for both radios.

Thanks
KE7LGB

30171. Re: New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-26 16:39:45 UTC
From: g8hul
Topic: 30170 Message: 30171

--- In FT897@yahoogroups.com, "delano1981" <tushar1981@...> wrote:
>
> Hello everyone,
>
> I am the new owner of a brand new FT-897D, and let me say from the start I am just starting out in HF, so I don't have alot of experience. But I have a question about noise with this radio.
>
> I hooked it up to my Windom dipole antenna for the first time last night and experienced very high levels of noise on 20 meters down. The level was S-8 to +10 the whole time. I checked it against my first HF transceiver, an Icom 718 hooked up to the same antenna, and the Icom noise level was fluctuating between 0 and S-5, significantly lower. Is the 897D known to be this noisy or could there be some other source of interference or something? Also, according to the manual the radio has a pre-amp mode on by default, which is disabled by turning on IPO. Should this radio be running with IPO on most of the time, or is it recommended to have IPO off as the standard operating configuration. When I turned on the pre-amp on the Icom 718 the noise levels were about the same for both radios.
>
> Thanks
> KE7LGB
>
You have pretty much answered the question yourself! The noise appears after you connect the antanna, so it is almost certainly just teh ambient noise floor.

Yes the pre-amp is on by default, and is certainly not needed on the lower HF bands unless you are running a very poor antenna.

Trying to compare radios by S meter reading is not a good idea. There is no standardization in S-meters (despite what you might read). The 897's meter is quite non-linear and probably the radio's worst feature.

The other factor in play is the audio bandwidth which is quite high unless you set up and turn on the DSP filter, so the 897's audio can sound digfferent to some other radios in a side by side comparison.

The real test is to listen to a bearly decernable signal on one radio and then on the other to see what the noise floor actually is. Ignore S meter comparisons.

73
Jeff

30172. Re: [FT897] Package FOR SALE: FT-897D, AT-897Plus Tuner, Int. Batteries, Charger, SSB Filter

Yahoo group: FT897 (2010)
Date: 2010-05-27 02:59:25 UTC
From: Damien Gardner Jnr
Topic: 30166 Message: 30172

On 26/05/2010, at 9:44 PM, Dean Nash wrote:
> Yeah, I'd sell my setup for $1300 too..... Then I could go out and
> buy all new for about $1450. Sounds like a plan to me....

Wow, the exchange rate sure makes a difference then! I was looking at it thinking it looked like a pretty good price.. Just the radio is $1499 here.. - tuner is ~$300.. batteries (from china, not proper yaesu) are $200 a pop! Although with the way the aussie dollar has taken a nosedive in the last month or two, it'd probably be about even now..

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

30173. [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-26 18:15:36 UTC
From: K. Scott
Topic: 30170 Message: 30173

I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF antenna connection is not a standard PL259. I checked the manual and it says it is a PL259 but the internals look different then the PL259 antenna input for the HF antenna. Thanks for the assistance.

[Non-text portions of this message have been removed]

30174. Re: [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 05:52:14 UTC
From: Lee Jorgensen
Topic: 30170 Message: 30174

I believe the European models have an N connector for VHF/UHF instead of PL259.

Does it look like this: http://en.wikipedia.org/wiki/N_connector

-Lee.
n0wq

On 5/26/2010 12:15 PM, K. Scott wrote:
>
>
> I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF antenna connection is not a standard PL259. I checked the manual and it says it is a PL259 but the internals look different then the PL259 antenna input for the HF antenna. Thanks for the assistance.
>
>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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30175. Re: [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 06:15:50 UTC
From: Andy McMullin
Topic: 30170 Message: 30175

On mine it's a N-type, so yours is probably the same. PL259 for HF and 50Mz, N-type for VHF/UHF.

Hope this helps.

--
Regards
Andy, G8TQH
http://www.rickham.net/

On 26 May 2010, at 19:15, K. Scott wrote:

>
>
>
> I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF antenna connection is not a standard PL259. I checked the manual and it says it is a PL259 but the internals look different then the PL259 antenna input for the HF antenna. Thanks for the assistance.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
>

30176. Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 06:54:49 UTC
From: GUILLOT JC
Topic: 30170 Message: 30176

It's a N plug. Take care a PL259 could be screwed in with some effort BUT it might damage the N socket with as consequence some repairs to perform, possibly the replacement of the socket.

--- In FT897@yahoogroups.com, "K. Scott" <ksh57@...> wrote:
>
>
>
>
> I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF antenna connection is not a standard PL259. I checked the manual and it says it is a PL259 but the internals look different then the PL259 antenna input for the HF antenna. Thanks for the assistance.
>
>
>
>
> [Non-text portions of this message have been removed]
>

30177. RE: [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 08:21:49 UTC
From: Eric van de Weyer
Topic: 30170 Message: 30177

Hi Scott,

In the US they are supplied with the SO239 connector. The rest of the world are supplied with the much superior N connector.

This applies to most Yaesu rigs.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of K. Scott
Sent: Thursday, 27 May 2010 04:16
To: FT897@yahoogroups.com
Subject: [FT897] New 897D Simple Question

I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF antenna connection is not a standard PL259. I checked the manual and it says it is a PL259 but the internals look different then the PL259 antenna input for the HF antenna. Thanks for the assistance.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30178. Re: New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 11:40:14 UTC
From: ke5dfr@sbcglobal.net
Topic: 30170 Message: 30178

I use a Carolina Windom 80 Short on my 897 and it does good. I initally could only get it up about 30' and it was pretty noisy. I managed to get it up to 50' and the noise situation improved. At 30' I was getting a lot of electrical noise from my own house.

With this antenna nd 100 watts, I have managed contact all over the world, even with the solar cycle low.

KenKE5DFR

--- In FT897@yahoogroups.com, "delano1981" <tushar1981@...> wrote:
>

30179. Re: [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 11:56:41 UTC
From: Patrick
Topic: 30170 Message: 30179

That connector is called an "N" connector

On Wed, May 26, 2010 at 2:15 PM, K. Scott <ksh57@...> wrote:

>
>
>
>
> I just purchased an 897D and when I got it out of the box I noticed that
> the VHF\UHF antenna connection is not a standard PL259. I checked the
> manual and it says it is a PL259 but the internals look different then the
> PL259 antenna input for the HF antenna. Thanks for the assistance.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30180. Source or cross for Q1031 2SJ355?

Yahoo group: FT897 (2010)
Date: 2010-05-27 19:31:00 UTC
From: Spike
Topic: 30180 Message: 30180

Anybody know a source or a cross for the pwr/on FET Q1031 2SJ355?
I'd rather not buy from Yaesu

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

30181. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-05-28 00:10:24 UTC
From: kb7wsd
Topic: 30062 Message: 30181

Well, I now have some answers and I thought I'd post them here for those folks that come looking here for the answers to the same question.

The differences between the 'original' and 'plus' versions of the AT-897 are as follows: 200 memories increased to 2000, elimination of the Y-ACC cable as a result of changing the programming so that all control takes place over the CAT cable, 'power reduction' during tune (to 10W), 'rough' SWR indication via flashing LED and feedback of tuner operation via LED, additional modes of operation via button press sequences.

I have been exchanging emails with someone at LDG (I don't know who since they weren't signing the emails) and I am disappointed. I asked some specific questions and never got specific answers. At one point the writer suggested that the only difference was that the accessory `Y-cable' had been eliminated and all commands were sent through the CAT cable.

Pretty much the constant answer was that I should send the tuner in if it wasn't working correctly (a claim I never made in any way, shape or form) and that it was tough luck (not their actual words, but certainly their attitude) that I bought the AT-897 just weeks before the Plus was released.

I was surprised by all this since everyone seems to speak well of LDG products and in my mind that tends to mean that there is good customer service. I would not describe my experiences as resulting in me being satisfied by the AT-897 or LDG.

I'm frustrated by all this since I just bought a IC-7000 for the truck and was going to look for a tuner for when I might operate portable with the 7000 too (though with the built in power supply and battery kluge, I still use the 897 for my portable ops, exp. on 6M.) I don't have any comfort with LDG any more so I'm now looking for suggestions for a replacement tuner for the 897 that provides more user feedback (and perhaps true one touch tuning, and maybe even real autotuning.) I suspect I will ultimately sell the AT-897 as well.

--- In FT897@yahoogroups.com, "Grant Hopper" <ghopper@...> wrote:
>
> Discussion of the FT-897 & FT-897DWhile I haven't done an exhaustive search
> of the internet to figure out the difference between my LDG AT-897 and the
> 'plus' (and I'm not sure I should have to - shouldn't something like that be
> on the LDG site?), I've searched LDG's site and this forum as well as a
> general google of the topic and amazingly enough, I still can't establish
> what the differences are between the two.
>
> I'm hoping someone here can point me to a reference or resource, or failing
> that, explain what changed in the 'plus' model.
>
> Thanks and 73,
>
> Grant

> KB7WSD
>
>
> [Non-text portions of this message have been removed]
>

30182. Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 08:23:04 UTC
From: hazo1948
Topic: 30170 Message: 30182

Hi
I am newly entering the amateur hobby after a 30 year break.

I also just purchased the FT897D here in Australia and noticed the VHF/UHF connector was an N type, even though the manual states its an SO 239.

A quick question, can someone point me to the menu item to alter the squelch level on FM 2mtres as mine is constantly "squelched" eg; no background hash, no matter where I position the squelch control.

Sorry if its a silly question but I've read and re read the manual and can't seem to find it !

Brian Vk6 bha

30183. Re: Package FOR SALE: FT-897D, AT-897Plus Tuner, Int. Batteries, Charger, SSB Filter

Yahoo group: FT897 (2010)
Date: 2010-05-27 19:52:42 UTC
From: Tommy
Topic: 30166 Message: 30183

SOLD!!! for amount requested.

Thank you for looking, and for all the offers, folks.

73,
Tommy
KG4TDM

--- In FT897@yahoogroups.com, "Tommy" <kg4tdm@...> wrote:
>
> Complete Package For sale:
> Yaesu FT-897D HF/VHF/UHF Rig w/ 60m and TCXO built-in,
> with DC cord & manual included,
> including LDG AT-897Plus Tuner (installed), (2)W4RT OPP-897 High-capacity 4500 mAh Internal batteries (installed), W4RT OFC-897 Charger for internal batteries, W4RT OPF-Y-SSB 2.3-kHz SSB filter (installed and menu-programmed). I am including a FREE RadioWavz 40m End Fed Half Wave (EFH-40) antenna and FREE SHIPPING
> (Continental U.S. only).
>
> This complete package for sale for $1300 US Postal Service Money Order please.
> (Regular price of all these items online would be about $1500+tax+shipping.)
> Makes a great complete station for upcoming Field Day!!!
>
> Entire contents are brand new, just purchased in Feb. 2010,
> and only used a few times. Non-smoker. Reason for suddenly selling is to cover expenses of replacing my home-business laptop and camera that died. Unfortunately, business comes before pleasure, and sadly I must sell.
>
> Please contact me at: KG4TDM @ arrl .net
> Photos available upon request.
>
> 73,
> Tommy
> KG4TDM
>

30184. Re: New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-27 12:43:05 UTC
From: cergender
Topic: 30170 Message: 30184

Hi,

Does that mean just the nearest states around or also Mexico and even perhaps Canada? :--)

Ben

--- In FT897@yahoogroups.com, "ke5dfr@..." <ke5dfr@...> wrote:
>
>
> I use a Carolina Windom 80 Short on my 897 ....
>
> With this antenna nd 100 watts, I have managed contact all over the world, even with the solar cycle low.
>
> KenKE5DFR
>
>
> --- In FT897@yahoogroups.com, "delano1981" <tushar1981@> wrote:
> >
>

30185. Fixing FT-897 that had gone deaf on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-05-27 23:31:05 UTC
From: thepalmhq
Topic: 30185 Message: 30185

I'm posting this for documentation of a problem that several hams have had with their FT-897s (and one on an FT-857). The 6 meter front-end transistor can be blown, leaving the rig almost deaf on 6 meters. Here's the info on fixing the problem:

http://g-eight-ubj.blogspot.com/2010/03/6m-band-pass-filter.html

http://w9hq.blogspot.com/2010/05/ft-897d-deaf-on-6-meters-no-more.html

I hope this can be helpful to anybody who has the same problem with the 6 meter front-end on their FT-857/897.

73 de W9HQ

30186. FT-897 (non-D) complete station for sale

Yahoo group: FT897 (2010)
Date: 2010-05-27 17:47:09 UTC
From: John
Topic: 30186 Message: 30186

Have an ad on QTH.com, and eHam.com for complete station as well. Non-D model, LDG AT-897 AT, 2 W4RT batteries and fast charger, LDG FT-Meter, MH-31 stock mike, 2.8 Collins Filter and 300 hz International Radio Filter, power cable, Nifty Mini-Manual, new unopened 879 manual and original box, AT-897 manual and original box, FT-50 meter original box. Beautiful condition and operation. Free shipping and PayPal. $1200, e-mail if interested. 73 John

30187. Re: [FT897] Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-28 01:26:20 UTC
From: Robert Scott
Topic: 30170 Message: 30187

I'm guessing you have menu #75 set to RF instead of SQL. Check that out.

From: hazo1948 <brian.harrison@telstra.com>
To: FT897@yahoogroups.com
Sent: Thu, May 27, 2010 3:23:04 AM
Subject: [FT897] Re: New 897D Simple Question

Hi
I am newly entering the amateur hobby after a 30 year break.

I also just purchased the FT897D here in Australia and noticed the VHF/UHF connector was an N type, even though the manual states its an SO 239.

A quick question, can someone point me to the menu item to alter the squelch level on FM 2mtres as mine is constantly "squelched" eg; no background hash, no matter where I position the squelch control.

Sorry if its a silly question but I've read and re read the manual and can't seem to find it !

Brian Vk6 bha

[Non-text portions of this message have been removed]

30188. Re: [FT897] Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-28 01:30:58 UTC
From: Robert Scott
Topic: 30170 Message: 30188

Brian,

I spoke too soon, try Menu # 80.

Thanks,
Robert

From: hazo1948 <brian.harrison@...>
To: FT897@yahoogroups.com
Sent: Thu, May 27, 2010 3:23:04 AM
Subject: [FT897] Re: New 897D Simple Question

Hi
I am newly entering the amateur hobby after a 30 year break.

I also just purchased the FT897D here in Australia and noticed the VHF/UHF connector was an N type, even though the manual states its an SO 239.

A quick question, can someone point me to the menu item to alter the squelch level on FM 2mtres as mine is constantly "squelched" eg; no background hash, no matter where I position the squelch control.

Sorry if its a silly question but I've read and re read the manual and can't seem to find it !

Brian Vk6 bha

[Non-text portions of this message have been removed]

30189. Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-28 06:11:34 UTC
From: hazo1948
Topic: 30170 Message: 30189

Robert

Thanks for that I knew it was there somewhere but trying to take in these "new" menu driven rigs is mind boggling sometimes. I'm getting there slowly LOL!

Brian vk6bha

30190. Re: [FT897] Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-28 14:49:50 UTC
From: Finnigann
Topic: 30170 Message: 30190

On Thu, 27 May 2010 04:23:04 -0400, hazo1948 <brian.harrison@...>
wrote:

>

> Hi

> A quick question, can someone point me to the menu item to alter the
> squelch level on FM 2mtres as mine is constantly "squelched" eg; no
> background hash, no matter where I position the squelch control.

> Sorry if its a silly question but I've read and re read the manual and
> can't seem to find it !

Don't feel bad, it's a tough manual.

Menu item 75 is the power level. Prolly not it.

Menu item 80 determines what the little knob ring to the right of the VFO
knob does. Maybe but I doubt you'd over look that.

Let me ask if you've tried to set up a repeater yet. If you have, maybe,
maybe, you have the tone squelch on receive - on. That will only open the
squelch when it hears a tone. Review the section on repeater operation and
see if you have it on. It shows an icon on the screen if so.

It starts on page 24 and is controlled by menu screen 'D'

Let us know if that fixes things.

Brian Vk6 bha

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

[Non-text portions of this message have been removed]

30191. Request to make Subject lines specific

Yahoo group: FT897 (2010)
Date: 2010-05-28 14:53:20 UTC
From: ve7xpk
Topic: 30191 Message: 30191

Time is important to many of us. Please make the Subject line of your posts specific so that a quick brouse of subject lines on a daily post is useful.

Subject lines like "interesting topic" or "newbie question" are not useful. Subject lines like "odd antenna connector on transceiver" assist greatly in deciding whether to pursue the topic or not.

Happy Memorial Day and happy hamming.

30192. Re: [FT897] Request to make Subject lines specific

Yahoo group: FT897 (2010)
Date: 2010-05-28 19:53:55 UTC
From: N4CQR
Topic: 30191 Message: 30192

AMEN!

Make subject lines problem or notation specific. Posts like, OMG, NOW WHAT, or RADIO DIED get imediately deleted here on this end.

Regards,

Craig

--- On Fri, 5/28/10, ve7xpk <penglish@...> wrote:
Subject lines like "odd antenna connector on
> transceiver"

30193. APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-28 21:30:01 UTC
From: Jim
Topic: 30193 Message: 30193

Does anyone know if there is an APRS adapter for the FT-897d?

Jim
N1ODP

30194. Re: [FT897] APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-28 22:10:47 UTC
From: Gary Altig
Topic: 30193 Message: 30194

DE N7UVL,
APRS is just a form of packet (digital). Any TNC can work.
Perhaps you could elaborate on what you need?/ga

----- Original Message -----
From: Jim<mailto:ROCKETMAN@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, May 28, 2010 2:30 PM
Subject: [FT897] APRS adapter for the 897D

Does anyone know if there is an APRS adapter for the FT-897d?

Jim
N1ODP

[Non-text portions of this message have been removed]

30195. Re: [FT897] APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-28 23:48:34 UTC
From: Michael Hughey
Topic: 30193 Message: 30195

The Kenwood RC-D710 is a standalone 1200/9600 bps TNC with APRS firmware which includes Smartbeaconing (tm) technology. It can replace the faceplate of a Kenwood TM-V71A dualband mobile radio as well and upgrade it to operate the same as a TM-D710A. You can plug in an AVMAP G5 ($499.95 at HRO) or..... you could just plug in a cheap handheld GPS like the Garmin eTrex (about $100 at Walmart, Target, etc). I am personally using a Yaesu VX-8DR (R and GR will work as well). You would need to buy the optional GPS unit and it's connector to make it work. The VX8-GR has only two bands and has built-in GPS and is cheaper than the other two. With the VX-8 series, you wouldn't have to tie up the FT-897D on 2 meters and be able to operate as normal. Check out my latest tracks on www.aprs.fi . I'm using the VX8-DR with a Diamond HT antenna INSIDE my truck with the GPS plugged into the hand mic which is hanging from the handle above the
glovebox.

Mike - KF4DUS

From: Jim <ROCKETMAN@...>
To: FT897@yahoogroups.com
Sent: Fri, May 28, 2010 3:30:01 PM
Subject: [FT897] APRS adapter for the 897D

Does anyone know if there is an APRS adapter for the FT-897d?

Jim
N1ODP

[Non-text portions of this message have been removed]

30196. Re:satalite

Yahoo group: FT897 (2010)
Date: 2010-05-29 16:49:13 UTC
From: Tim Seeley
Topic: 30153 Message: 30196

Ham Radio Deluxe has a program built in that does Satelite tracking and as a added bonus, it will do the offset for you automaticly as the satelite passes over your location. I have played with it a little, so not an expert on it, but it seams to work ok. Of coarse you need a computer and a Cat cable for it to work.

[Non-text portions of this message have been removed]

30197. RE: [FT897] New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-29 06:11:28 UTC
From: K. Scott
Topic: 30170 Message: 30197

Thanks Eric for the help.
Scott
KB3SIU

--- On Thu, 5/27/10, Eric van de Weyer <eric@...> wrote:

From: Eric van de Weyer <eric@van-de-weyer.org>
Subject: RE: [FT897] New 897D Simple Question
To: FT897@yahoogroups.com
Date: Thursday, May 27, 2010, 8:21 AM

Hi Scott,

In the US they are supplied with the SO239 connector. The rest of the world
are supplied with the much superior N connector.

This applies to most Yaesu rigs.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of K.
Scott
Sent: Thursday, 27 May 2010 04:16
To: FT897@yahoogroups.com
Subject: [FT897] New 897D Simple Question

I just purchased an 897D and when I got it out of the box I noticed that the
VHF\UHF antenna connection is not a standard PL259. I checked the manual
and it says it is a PL259 but the internals look different then the PL259
antenna input for the HF antenna. Thanks for the assistance.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30198. question about the LDG Z-11 Pro II

Yahoo group: FT897 (2010)
Date: 2010-05-28 18:56:03 UTC
From: David Ross
Topic: 30198 Message: 30198

Does this LDG tuner work well with the FT-857D?

Will the tuner handle 100 Watts of RF on a continuous basis?

The Z-11 Pro II seems like a bargain compared to SGC tuners, and I am wondering why it is so much less expensive than it's competition.

73, thanks
Dave Ross N7EPI

30199. VFO knob fell off

Yahoo group: FT897 (2010)
Date: 2010-05-29 14:09:31 UTC
From: ad5it
Topic: 30199 Message: 30199

Hi guys,
Yesterday I went to go to work and as I was going down the driveway which is up and down hill the vfo knob just fell off, has anyone else experienced this ? if so how do I get it back on ???? I cannot see any set screws like the older rigs only a spring that was on the shaft with a plastic washer inside the spring.
thanks in advance.

30200. VFO knob fell off

Yahoo group: FT897 (2010)
Date: 2010-05-29 20:22:01 UTC
From: Christopher Patton
Topic: 30199 Message: 30200

If the 897 knob is the same as the 857 knob you peel the rubberback and there is a set screw that uses an allan wrench to tighten it. Becareful though so you don□t over tighten it and strip the brass threadsof the know.
Chris
W3cum
(yes I subscribe to the 897 group without owning one .I have the 857 and there is a lot of great answers here that apply to the 857d)

[Non-text portions of this message have been removed]

30201. Re: [FT897] question about the LDG Z-11 Pro II

Yahoo group: FT897 (2010)
Date: 2010-05-30 02:32:19 UTC
From: Chuck Stroud
Topic: 30198 Message: 30201

I have been using the Z-11 Pro II for a couple of months now - it has worked perfect. It will even handle 0.1 to 125 watts. I have routinely used it at 100W but I like the possibility of its QRP use as well.
Chuck
ka8hde

From: David Ross <ross@hypertools.com>
To: FT897@yahoogroups.com
Sent: Fri, May 28, 2010 1:56:03 PM
Subject: [FT897] question about the LDG Z-11 Pro II

Does this LDG tuner work well with the FT-857D?

Will the tuner handle 100 Watts of RF on a continuous basis?

The Z-11 Pro II seems like a bargain compared to SGC tuners, and I am wondering why it is so much less expensive than it's competition.

73, thanks
Dave Ross N7EPI

[Non-text portions of this message have been removed]

30202. Re: [FT897] question about the LDG Z-11 Pro II

Yahoo group: FT897 (2010)
Date: 2010-05-30 03:17:49 UTC
From: Bret McDanel
Topic: 30198 Message: 30202

I too have the Z11 pro (not to the II though). It works well for me, the only drawback I have seen, which is documented, is that if you have the tuner set to auto tune and transmit VHF/UHF some will leak through to the tuner and it will attempt to tune forever. I followed the advice on w4rt's page and just disabled the auto tune feature (which saves my batteries anyway). I particularly liked this because I can run around with it on battery power and should the need arise use a barbed wire fence as a long wire antenna with no power in sight :)

On Sat, 2010-05-29 at 19:32 -0700, Chuck Stroud wrote:
>
> I have been using the Z-11 Pro II for a couple of months now - it has
> worked perfect. It will even handle 0.1 to 125 watts. I have
> routinely used it at 100W but I like the possibility of its QRP use as
> well.
> Chuck
> ka8hde

30203. RE: [FT897] New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-30 10:36:15 UTC
From: Michael Skorvanek III
Topic: 30170 Message: 30203

test ... not getting emails

To: FT897@yahoogroups.com
From: tushar1981@...
Date: Wed, 26 May 2010 16:21:33 +0000
Subject: [FT897] New 897D Owner, Noise Question

Hello everyone,

I am the new owner of a brand new FT-897D, and let me say from the start I am just starting out in HF, so I don't have alot of experience. But I have a question about noise with this radio.

I hooked it up to my Windom dipole antenna for the first time last night and experienced very high levels of noise on 20 meters down. The level was S-8 to +10 the whole time. I checked it against my first HF transceiver, an Icom 718 hooked up to the same antenna, and the Icom noise level was fluctuating between 0 and S-5, significantly lower. Is the 897D known to be this noisy or could there be some other source of interference or something? Also, according to the manual the radio has a pre-amp mode on by default, which is disabled by turning on IPO. Should this radio be running with IPO on most of the time, or is it recommended to have IPO off as the standard operating configuration. When I turned on the pre-amp on the Icom 718 the noise levels were about the same for both radios.

Thanks
KE7LGB

_____
Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

[Non-text portions of this message have been removed]

30204. question

Yahoo group: FT897 (2010)
Date: 2010-05-30 12:06:49 UTC
From: n5iz
Topic: 30204 Message: 30204

i have a question on my ft 897D the wattages acts strange what i can do is adjust the watts down to 8w and it goes to about 2w adjust it to 10w and it goes to shows 15w.on watt meter what could be wrong.how can i correct the problem.

73 ray n5iz

30205. Best SSB filter available?

Yahoo group: FT897 (2010)
Date: 2010-05-30 13:44:03 UTC
From: Sean
Topic: 30205 Message: 30205

Between the YF-122S Collins SSB Filter, INRAD, & W4RT, which one of these is the best SSB filter?

W7TRD
Sean
73!

30206. Re: Best SSB filter available?

Yahoo group: FT897 (2010)
Date: 2010-05-30 14:48:46 UTC
From: Steve
Topic: 30205 Message: 30206

The filters that you can get from W4RT are the same as the Yaesu filters. THey just do not say Yaesu on them.

I do not know about the Inrad filters.

Steve/KC8LQV

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Between the YF-122S Collins SSB Filter, INRAD, & W4RT, which one of these is the best SSB filter?
>
> W7TRD
> Sean
> 73!
>

30207. Re: [FT897] Re: Best SSB filter available?

Yahoo group: FT897 (2010)
Date: 2010-05-30 14:56:47 UTC
From: af2c@njdxa.org
Topic: 30205 Message: 30207

"Collins" is a good name, but I don't know who is making the filters today.

"INRAD" makes a really fine filter. I am using their filters in both of my FT-857D rigs. The 500 Hz filters are excellent, have great "skirts" and are "10-Pole" units.

The Yaesu filters are good, but not as sharp as the INRADS.

73,
Jay/AF2C

At 02:48 PM 5/30/2010 +0000, you wrote:
>
>
>The filters that you can get from W4RT are the same as the Yaesu filters.
>THey just do not say Yaesu on them.
>
>I do not know about the Inrad filters.
>
>Steve/KC8LQV
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Sean"
><kamaaina1@...> wrote:
> >
> > Between the YF-122S Collins SSB Filter, INRAD, & W4RT, which one of
> these is the best SSB filter?
> >
> > W7TRD
> > Sean
> > 73!
> >
>
>

[Non-text portions of this message have been removed]

30208. Re: VFO knob fell off

Yahoo group: FT897 (2010)
Date: 2010-05-30 14:57:04 UTC
From: Spike
Topic: 30199 Message: 30208

My know fell off when removing it from the factory box for the first time. So much for Yaesu quality control.

Yes, the rubber can be completely removed to gain access to the set screw.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

30209. Re:VFO knob fell off / Different Chassis

Yahoo group: FT897 (2010)
Date: 2010-05-30 14:59:59 UTC
From: 1800 Toll Free
Topic: 30209 Message: 30209

"Chris
W3cum
(yes I subscribe to the 897 group without owning one….I have the 857 and there is a lot of great answers here that apply to the 857d)"

I'm in the same boat, Chris. I have an 857, and this group pretty much runs circles around any of the other "yahoo (yeasu)" groups out there.

--Shane
KD6VXI

--
Using Opera's revolutionary e-mail client: http://www.opera.com/mail/

30210. Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-30 18:22:45 UTC
From: Hank
Topic: 30193 Message: 30210

I would be interested in hearing what TNCs people are running with their FT-897 and how they like it. I'm wanting to add APRS to my 897 and to my FT-8800R in the car. I have looked at the Kenwood RC-D710 for the car, but have no idea which way to go for the 897. I use my 897 as a base station only.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Jim" <ROCKETMAN@...> wrote:
>
> Does anyone know if there is an APRS adapter for the FT-897d?
>
> Jim
> N1ODP
>

30211. Re: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-30 18:32:52 UTC
From: Patrick
Topic: 30193 Message: 30211

I use a Kantronics Kam98

On Sun, May 30, 2010 at 2:22 PM, Hank <hank@hanklambert.com> wrote:

>
>
>
>
> I would be interested in hearing what TNCs people are running with their
> FT-897 and how they like it. I'm wanting to add APRS to my 897 and to my
> FT-8800R in the car. I have looked at the Kenwood RC-D710 for the car, but
> have no idea which way to go for the 897. I use my 897 as a base station
> only.
>
> Hank / KB4MTO
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Jim" <ROCKETMAN@...>
> wrote:
> >
> > Does anyone know if there is an APRS adapter for the FT-897d?
> >
> > Jim
> > N1ODP
> >
>
>
>

[Non-text portions of this message have been removed]

30212. Re: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-30 18:57:50 UTC
From: tailfeathers
Topic: 30193 Message: 30212

I use an MFJ 1270 TNC with my 897 and did use it with a yaesu 7800
before I sold it...You'll sell that 8800 if you get a TM-d710...The 2
VFO's are independent of each other so you can use aprs on one and talk
on the other...The 8800 is 1 1/2 vfo's...

Gary

On 5/30/2010 12:22 PM, Hank wrote:
>
>
>
>
> I would be interested in hearing what TNCs people are running with their FT-897 and how
they like it. I'm wanting to add APRS to my 897 and to my FT-8800R in the car. I have
looked at the Kenwood RC-D710 for the car, but have no idea which way to go for the 897. I
use my 897 as a base station only.
>
> Hank / KB4MTO
>
> --- In FT897@yahoogroups.com, "Jim"<ROCKETMAN@...> wrote:
>
>> Does anyone know if there is an APRS adapter for the FT-897d?
>>
>> Jim
>> N1ODP
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>

2550% Penny Stock Gains?
Our last pick exploded 2550% - Join our newsletter for free picks!
http://thirdpartyoffers.juno.com/TGL3141/4c02b530a3b16187998st05duc

[Non-text portions of this message have been removed]

30213. Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-30 19:36:58 UTC
From: Hank
Topic: 30193 Message: 30213

That's what I hear. I have been looking at the TM-D710, and now Yaesu has come out with the FTM-350, both great looking rigs. But adding the RC-D710 is much cheaper.

Was the MFJ-1270 easy to set up? What APRS features are you doing with it?

Hank / KB4MTO

--- In FT897@yahoogroups.com, tailfeathers <tailfeathers@...> wrote:
>
> I use an MFJ 1270 TNC with my 897 and did use it with a yaesu 7800
> before I sold it...You'll sell that 8800 if you get a TM-d710...The 2
> VFO's are independent of each other so you can use aprs on one and talk
> on the other...The 8800 is 1 1/2 vfo's...
>
> Gary

30214. Re: [FT897] question about the LDG Z-11 Pro II

Yahoo group: FT897 (2010)
Date: 2010-05-30 19:47:34 UTC
From: Richard Corfield
Topic: 30198 Message: 30214

I have a Z11-Pro and have been pleased so far. I've only used it at low power.

I'd read somewhere that the ratings were PEP, not continuous power. To be fair the 897's 100W is also PEP. Running a continuous mode such as AM or a data mode will need reduced power.

- Richard

On 28 May 2010 19:56, David Ross <ross@...> wrote:

>
>
> Does this LDG tuner work well with the FT-857D?
>
> Will the tuner handle 100 Watts of RF on a continuous basis?
>
> The Z-11 Pro II seems like a bargain compared to SGC tuners, and I am
> wondering why it is so much less expensive than it's competition.
>
> 73, thanks
> Dave Ross N7EPI
>
>

[Non-text portions of this message have been removed]

30215. Re: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-30 19:55:20 UTC
From: tailfeathers
Topic: 30193 Message: 30215

I run it under the control of UIView...Very easy to setup...I just use
it for general APRS and now for storm warnings...Here in Montana fire
warnings pop up if their in the area...

Gary
n8gsj

On 5/30/2010 1:36 PM, Hank wrote:
> That's what I hear. I have been looking at the TM-D710, and now Yaesu has come out with
the FTM-350, both great looking rigs. But adding the RC-D710 is much cheaper.
>
> Was the MFJ-1270 easy to set up? What APRS features are you doing with it?
>
> Hank / KB4MTO
>

_____
2550% Penny Stock Gains?
Our last pick exploded 2550% - Join our newsletter for free picks!
http://thirdpartyoffers.juno.com/TGL3141/4c02c2a98d3ce1b806fst01duc

30216. Re: [FT897] Re: Best SSB filter available?

Yahoo group: FT897 (2010)
Date: 2010-05-30 23:30:04 UTC
From: Alex Schwarz
Topic: 30205 Message: 30216

Hi Sean, Jay and Group

The filters that you are looking for are very expensive.

Can I suggest a alternative. I am the moderator of the MDSRadio Yahoo group and we have been developing a demodulation and DSP software (runs on a Windows PC) with hardware system that takes the 455kHz IF from the option port and converts it down to 12kHz which plugs into the soundcard. From there all the demodulation and the filtering is done in software. The down converter works for DRM as well. The resulting audio is astoundingly clean!
The whole project is a non profit development developed by amateur radio operators. We also have a kit available for cost and we ship worldwide.

Please check out the website: http://users.skynet.be/myspace/mdsr

All the best;

Alex
VE7DXW

From: "af2c@..." <af2c@njdxa.org>
To: FT897@yahoogroups.com
Sent: Sun, May 30, 2010 7:56:47 AM
Subject: Re: [FT897] Re: Best SSB filter available?

"Collins" is a good name, but I don't know who is making the filters today.

"INRAD" makes a really fine filter. I am using their filters in both of my
FT-857D rigs. The 500 Hz filters are excellent, have great "skirts" and
are "10-Pole" units.

The Yaesu filters are good, but not as sharp as the INRADS.

73,
Jay/AF2C

At 02:48 PM 5/30/2010 +0000, you wrote:
>
>
>The filters that you can get from W4RT are the same as the Yaesu filters.
>THey just do not say Yaesu on them.
>
>I do not know about the Inrad filters.
>
>Steve/KC8LQV
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Sean"
><kamaaina1@...> wrote:

> >
> > Between the YF-122S Collins SSB Filter, INRAD, & W4RT, which one of
> these is the best SSB filter?
> >
> > W7TRD
> > Sean
> > 73!
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30217. RE: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 03:42:17 UTC
From: Michael Hughey
Topic: 30193 Message: 30217

I use VX-8DR with built-in APRS and for all other digital modes I use the KAM-XL. The VX-8DR in on all the time and doesn't tie up my Ft 897D.

Mike KF4DUS

-----Original Message-----
From: Hank <hank@...>
Sent: Sunday, May 30, 2010 12:22
To: FT897@yahoogroups.com
Subject: [FT897] Re: APRS adapter for the 897D

I would be interested in hearing what TNCs people are running with their FT-897 and how they like it. I'm wanting to add APRS to my 897 and to my FT-8800R in the car. I have looked at the Kenwood RC-D710 for the car, but have no idea which way to go for the 897. I use my 897 as a base station only.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Jim" <ROCKETMAN@...> wrote:
>
> Does anyone know if there is an APRS adapter for the FT-897d?
>
> Jim
> N1ODP
>

Reply to sender | Reply to group | Reply via web post |

[The entire original message is not included]

[Non-text portions of this message have been removed]

30218. PC software for auto scan & log

Yahoo group: FT897 (2010)
Date: 2010-05-30 20:53:34 UTC
From: suser55
Topic: 30218 Message: 30218

Hello, I saw many softwares for various scanners with ability for auto-scan/save log./ freq./time/MP3 audio/skip known frequencies, etc., but in 2007(when i did a research) I did not found any software who support FT-857/FT-897. Is there any SW for that now ? I have CAT/Audio interface and it will be great to hear every evening resume of the activity during the day when i am at work. I can buy MP3 player with VOX activated recording and radio left in scan mode, but how to log QRG for each file ?

Thanks & 73 de LZ2STO

30219. RE: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 04:32:53 UTC
From: Bret McDanel
Topic: 30193 Message: 30219

On Sun, 2010-05-30 at 21:42 -0600, Hank wrote:

> I would be interested in hearing what TNCs people are running with
> their FT-897 and how they like it. I'm wanting to add APRS to my 897
> and to my FT-8800R in the car. I have looked at the Kenwood RC-D710
> for the car, but have no idea which way to go for the 897. I use my
> 897 as a base station only.

I use soundmodem which is a software based tool that uses a
laptop/desktop soundcard as a TNC. I use this for APRS and it works
well. I have integrated this with Xastir (linux based APRS software)
which is a highly straight forward solution. This is a larger set up
than some want, they want an integrated device, but for my needs with
the 897 it works well. For portable I use the VX8 and it all seems to
work, the two can communicate with each other.

kc2dwq

30220. Home Brew 40 Mts RX - Kit or assembled.

Yahoo group: FT897 (2010)
Date: 2010-05-31 12:35:26 UTC
From: MM Ali
Topic: 30220 Message: 30220

Invite your attention to SPRAT Issue 142, article on JOTA 40 Super Het RX.

SPRAT is a print pubication of gqrp group,
http://www.gqrp.com <http://www.gqrp.com/>

Kits are available. All parts, PCB, VFO assembled & tested. Likely pricing is USD 35 a piece + shipping

Fully assembled & tested unit is USD 55/- + shipping.

Needs 12 VDC to work. Power supply not included.

Photos are at
http://jota40rxmonodualbandtxtrx.grouply.com/photos/album/attachments

writeup is at: http://jota40rxmonodualbandtxtrx.grouply.com/files

.
Also mono-band & dual-band TRx are in the oven being cooked :) Of course, TRx is to be sold ONLY to licensed Hams.
.
These are soon to be made available as finished products, tested & aligned.
.

Group buyers welcome!

73
MM Ali/vu2ali

[Non-text portions of this message have been removed]

30221. Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 12:50:24 UTC
From: Hank
Topic: 30193 Message: 30221

I currently have the VX-170, but plan on adding the VX-8GR in the future. I like the VX-8 series, but really like the built-in GPS of the new VX-8GR.

Hank / KB4MTO

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> I use VX-8DR with built-in APRS and for all other digital modes I use the KAM-XL. The VX-8DR in on all the time and doesn't tie up my Ft 897D.
>
> Mike KF4DUS
>
>
> -----Original Message-----
> From: Hank <hank@...>
> Sent: Sunday, May 30, 2010 12:22
> To: FT897@...m
> Subject: [FT897] Re: APRS adapter for the 897D
>
>
>
>
> I would be interested in hearing what TNCs people are running with their FT-897 and how they like it. I'm wanting to add APRS to my 897 and to my FT-8800R in the car. I have looked at the Kenwood RC-D710 for the car, but have no idea which way to go for the 897. I use my 897 as a base station only.
>
> Hank / KB4MTO
>
> --- In FT897@yahoogroups.com, "Jim" <ROCKETMAN@> wrote:
> >
> > Does anyone know if there is an APRS adapter for the FT-897d?
> >
> > Jim
> > N1ODP
> >
>
>
> Reply to sender | Reply to group | Reply via web post |
>
> [The entire original message is not included]
>
> [Non-text portions of this message have been removed]
>

30222. Re: [FT897] Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 12:59:25 UTC
From: Bret McDanel
Topic: 30193 Message: 30222

On Mon, 2010-05-31 at 12:50 +0000, Hank wrote:
>
>
>
> I currently have the VX-170, but plan on adding the VX-8GR in the
> future. I like the VX-8 series, but really like the built-in GPS of
> the new VX-8GR.
>

I have one of the original vx8rs with the gps unit that attaches to the top of the radio. It makes it a little more bulky (it may not fit in all pouches) but its solid and works well for me.

30223. Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 13:07:48 UTC
From: Hank
Topic: 30193 Message: 30223

Thanks Bret, you gave me something else to look into; I wasn't aware of Xastir. I am a big Linux fan and have been using it for years. At home I am currently building a VMWare server, and will be building a Debian VM.

I have the Rigblaster USB PnP audio interface that I am using with my 897. I am not sure if I can get that interface running on Linux which is why I have been looking into TNCs. Back in the Late 80's I had the AEA PK-232MBX, and it couldn't have been easier to use.

Hank / KB4MTO

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> On Sun, 2010-05-30 at 21:42 -0600, Hank wrote:
>
> > I would be interested in hearing what TNCs people are running with
> > their FT-897 and how they like it. I'm wanting to add APRS to my 897
> > and to my FT-8800R in the car. I have looked at the Kenwood RC-D710
> > for the car, but have no idea which way to go for the 897. I use my
> > 897 as a base station only.
>
>
> I use soundmodem which is a software based tool that uses a
> laptop/desktop soundcard as a TNC. I use this for APRS and it works
> well. I have integrated this with Xastir (linux based APRS software)
> which is a highly straight forward solution. This is a larger set up
> than some want, they want an integrated device, but for my needs with
> the 897 it works well. For portable I use the VX8 and it all seems to
> work, the two can communicate with each other.
>
> kc2dwq
>

30224. Re: APRS adapter for the 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 05:12:00 UTC
From: perryc
Topic: 30193 Message: 30224

I use a kpc-3 plus because it is sand alone after the computer is off.
but most hams are using the sound card interfaces like the rig blaster, because it does all digital modes, in a box.
they make tnc's old tech.
ke6anm
perry

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> On Sun, 2010-05-30 at 21:42 -0600, Hank wrote:
>
> > I would be interested in hearing what TNCs people are running with
> > their FT-897 and how they like it. I'm wanting to add APRS to my 897
> > and to my FT-8800R in the car. I have looked at the Kenwood RC-D710
> > for the car, but have no idea which way to go for the 897. I use my
> > 897 as a base station only.
>
>
> I use soundmodem which is a software based tool that uses a
> laptop/desktop soundcard as a TNC. I use this for APRS and it works
> well. I have integrated this with Xastir (linux based APRS software)
> which is a highly straight forward solution. This is a larger set up
> than some want, they want an integrated device, but for my needs with
> the 897 it works well. For portable I use the VX8 and it all seems to
> work, the two can communicate with each other.
>
> kc2dwq
>

30225. Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-31 04:42:28 UTC
From: perryc
Topic: 30170 Message: 30225

wow menu item 80
that was driving me crazy.
THANK YOU THANK YOU THANK YOU.
WHEW, I LOVE THIS GROUP.

--- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>
> On Thu, 27 May 2010 04:23:04 -0400, hazo1948 <brian.harrison@...>
> wrote:
>
> >
>
>
> > Hi
>
> > A quick question, can someone point me to the menu item to alter the
> > squelch level on FM 2mtres as mine is constantly "squelched" eg; no
> > background hash, no matter where I position the squelch control.
>
> > Sorry if its a silly question but I've read and re read the manual and
> > can't seem to find it !
>
>
>
> Don't feel bad, it's a tough manual.
>
> Menu item 75 is the power level. Prolly not it.
>
> Menu item 80 determines what the little knob ring to the right of the VFO
> knob does. Maybe but I doubt you'd over look that.
>
>
>
> Let me ask if you've tried to set up a repeater yet. If you have, maybe,
> maybe, you have the tone squelch on receive - on. That will only open the
> squelch when it hears a tone. Review the section on repeater operation and
> see if you have it on. It shows an icon on the screen if so.
>
> It starts on page 24 and is controlled by menu screen 'D'
>
> Let us know if that fixes things.
>
> Brian Vk6 bha
>
> --

>
> 73'S
>
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
> [Non-text portions of this message have been removed]
>

30226. FT-897D and Ameritron ALS-600 amplifier

Yahoo group: FT897 (2010)
Date: 2010-05-31 16:33:34 UTC
From: wlathan2005
Topic: 30226 Message: 30226

Does anyone have a setup like that above? If so, I'd appreciate knowing how you have connected the cables. The amplifier will work with no ALC connection simply using a cable I bought off eBay going from the CAT connector on the 897 to the relay socket on the amp. I also have a cable from Yaesu that connects the ACC socket on the radio to the ALC socket on the amp. However, with that connected, I'm unable to tune the ALC correctly per the amplifier directions. Any help would be appreciated.

TIA,

Bill, AK5K

30227. Re: New 897D Owner, Noise Question

Yahoo group: FT897 (2010)
Date: 2010-05-31 17:08:19 UTC
From: David Okrent
Topic: 30170 Message: 30227

First, in my experience the 897D is noiser than my old Kenwood TS440 and not a surprise it is noiser than the ICOM. Second, run the IPO, or pre-amp, off below 20 meters. Also, keep in mind that the noise characteristics of the HF bands vary with season and time of day. I program the various WWV - NIST Time Standard frequencies into memory and then run through them like a poor man's beacon to get a feel for propagation in the HF bands before attempting contacts.

Work Email: david.a.okrent@...
Home Email: dokrent@...

30228. RE: [FT897] PC software for auto scan & log

Yahoo group: FT897 (2010)
Date: 2010-05-31 17:34:01 UTC
From: Michael Hughey
Topic: 30218 Message: 30228

The FT 897D has built-in scanning software. I don't think you can change it.

Mike KF4DUS

-----Original Message-----
From: suser55 <suser@...>
Sent: Sunday, May 30, 2010 14:53
To: FT897@yahoogroups.com
Subject: [FT897] PC software for auto scan & log

Hello, I saw many softwares for various scanners with ability for auto-scan/save log./ freq./time/MP3 audio/skip known frequencies, etc., but in 2007(when i did a research) I did not found any software who support FT-857/FT-897. Is there any SW for that now ? I have CAT/Audio interface and it will be great to hear every evening resume of the activity during the day when i am at work. I can buy MP3 player with VOX activated recording and radio left in scan mode, but how to log QRG for each file ?

Thanks & 73 de LZ2STO

Reply to sender | Reply to group | Reply via web post |

[The entire original message is not included]

[Non-text portions of this message have been removed]

30229. Re: [FT897] Re: Interface Problem (FINAL)

Yahoo group: FT897 (2010)
Date: 2010-05-31 18:41:44 UTC
From: Noel Zeibari
Topic: 30229 Message: 30229

Hi all,

I finally got around to assembling the Mic/Cat cable project per Fil's instructions below. Unfortunately it did not work, my guess is because the tuner is an MFJ-929 and not an FC-30.

I'll keep the MFJ-929 tuner, it is an excellent unit. Minor inconvenience, is changing the bands and
modes manually. Thanks for the input from all.

73, Noel (OM) N3NZ

----- Original Message -----
From: Noel Zeibari
To: FT897@yahoogroups.com
Sent: Wednesday, May 12, 2010 7:42 PM
Subject: [FT897] Re: Interface Problem

Hi Fil,

Downloaded the English version of your Mic/Cat project, seems easy enough to

Build.

Could not locate the 8 pin female mini din at Radio Shack or Micro center.

Ordered the parts from www.mouser.com, will be getting all parts within a week.

Best regards,

73, Noel (OM) N3NZ

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> Hi Noel,
>
> I've had the same problem with my FC-40
> As Chuck says, you can easily use the Mike connector which supports CAT .
> Take a look here:
> http://www.iz0inx.it/autocostruzione/MicCat.htm
> There is also a donwloadable English version.
>
> 73,
> Fil - IZ0INX
>
>
> --- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@> wrote:
> >

> > Hi,
> >
> >
> >
> > Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the market to hookup the Cat cable and the Tuner interface cable to the rig?
> >
> >
> >
> > Noel (OM) N3NZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30230. Mode and Band not responding

Yahoo group: FT897 (2010)
Date: 2010-05-31 20:11:01 UTC
From: graham787
Topic: 30230 Message: 30230

Mode and Band not responding

Shock horror , the mode and band keys stopped responding .. everything else worked normally ..using the cat with hrd , could not change the mode either

had to power off and do full re set twice before the buttons started to work again ..working fine at the moment ..

2 years old now , any one else had this problem ??

G..

30231. Re: New 897D Simple Question

Yahoo group: FT897 (2010)
Date: 2010-05-31 20:15:25 UTC
From: graham787
Topic: 30170 Message: 30231

Yes a N is fitted
the old pl259 is only rated to round 200 MHz and that's one with ptfe inner !

G.

--- In FT897@yahoogroups.com, Lee Jorgensen <n0wq@...> wrote:
>
> I believe the European models have an N connector for VHF/UHF instead of
> PL259.
>
> Does it look like this: http://en.wikipedia.org/wiki/N_connector
>
> -Lee.
> n0wq
>
> On 5/26/2010 12:15 PM, K. Scott wrote:
> >
> >
> > I just purchased an 897D and when I got it out of the box I noticed that the VHF\UHF
antenna connection is not a standard PL259. I checked the manual and it says it is a PL259
but the internals look different then the PL259 antenna input for the HF antenna. Thanks
for the assistance.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
>

30232. noise on fm

Yahoo group: FT897 (2010)
Date: 2010-05-31 19:44:20 UTC
From: ron
Topic: 30232 Message: 30232

Hi I getting a lot of crackles om fm on two metres.
the 's meter' is stable but the recieve light (green) keeps going on and off and the audio seems to break up .
Tried ajusting the 'squelch' but seem to have little effect,by the way it is fine on fm broadcast bands

73
Ron GW3PLB

30233. Re: PC software for auto scan & log

Yahoo group: FT897 (2010)
Date: 2010-05-31 21:55:58 UTC
From: suser55
Topic: 30218 Message: 30233

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> The FT 897D has built-in scanning software. I don't think you can change it.
>
> Mike KF4DUS
>
> -----Original Message-----
> From: suser55 <suser@...>
> Sent: Sunday, May 30, 2010 14:53
> To: FT897@yahoogroups.com
> Subject: [FT897] PC software for auto scan & log
>
>
> Hello, I saw many softwares for various scanners with ability for auto-scan/save log./ freq./time/MP3 audio/skip known frequencies, etc., but in 2007(when i did a research) I did not found any software who support FT-857/FT-897. Is there any SW for that now ? I have CAT/Audio interface and it will be great to hear every evening resume of the activity during the day when i am at work. I can buy MP3 player with VOX activated recording and radio left in scan mode, but how to log QRG for each file ?
>
> Thanks & 73 de LZ2STO
>

Thanks for the reply, but i mean and ask about software for PC to do that job ... The solution with MP3 player/recorder can't log the QRG, at least i don't know how. With PC will be great, but is there any SW with such capability ?

30234. QUESTION on ft 897D

Yahoo group: FT897 (2010)
Date: 2010-05-31 22:23:45 UTC
From: n5iz
Topic: 30234 Message: 30234

my question is. are anyone useing a sm 6 mic on the ft 897D and if so...how.i want to hook one up to my radio.but my understanding the electet need dc voltage.i only have 4 wires from mic.for mic/ptt and the grounds.should'nt it be 5 wires coming out of mic.any help..
73 ray n5iz

30235. Re: [FT897] QUESTION on ft 897D(invalid subject line)

Yahoo group: FT897 (2010)
Date: 2010-05-31 22:49:40 UTC
From: Gary Altig
Topic: 30234 Message: 30235

DE N7UVL,
More info on the SM-6 would be helpful. The 897 modular jack on the front with 8 pins, provides +5VDC on pin 6. The available info on the SM-6 indicates it also is an 8 Pin modular. In addition the SM-6 info indicates its not compatible with non-Icom radios. I'm not sure I believe that. We hams can make a lot of things work beyond their original design. The 8 pin modular jack pin-out on the 897 can be found in the manual./ga

----- Original Message -----
From: n5iz<mailto:raybrmly@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, May 31, 2010 3:23 PM
Subject: [FT897] QUESTION on ft 897D

my question is. are anyone useing a sm 6 mic on the ft 897D and if so...how.i want to hook one up to my radio.but my understanding the electet need dc voltage.i only have 4 wires from mic.for mic/ptt and the grounds.should'nt it be 5 wires coming out of mic.any help..
73 ray n5iz

[Non-text portions of this message have been removed]

30236. Re: [FT897] Mode and Band not responding

Yahoo group: FT897 (2010)
Date: 2010-05-31 23:08:50 UTC
From: Michael Hughey
Topic: 30230 Message: 30236

One time my FT-897D had a power flicker and it slipped into Emergency mode and I could not change modes or frequencies. I too did a reset, but when it did it again, I reviewed all of the defaults on every menu and discovered that it slipped into Emergency mode, which changes the radio to the Alaska Emergency Frequency. I shut it off (in the menu) and the radio became normal again.

    My only problem now is that the factory preset on FM squelch is gone. Sometimes I can get it back, but marginally. I've changed Menu 80 to RF Gain and if I adjust the RF Gain just right, it will work, but not like it did out of the box.

Mike - KF4DUS

_____
From: graham787 <g0nbd@...>
To: FT897@yahoogroups.com
Sent: Mon, May 31, 2010 2:11:01 PM
Subject: [FT897] Mode and Band not responding

Mode and Band not responding

Shock horror , the mode and band keys stopped responding .. everything else worked normally ..using the cat with hrd , could not change the mode either

had to power off and do full re set twice before the buttons started to work again ..working fine at the moment ..

2 years old now , any one else had this problem ??

G..

[Non-text portions of this message have been removed]

30237. Re: [FT897] noise on fm

Yahoo group: FT897 (2010)
Date: 2010-05-31 23:20:14 UTC
From: Michael Hughey
Topic: 30232 Message: 30237

I've heard about this problem and a fix that I downloaded said to install a 4.7 micro farad electrolytic capacitor in parallel with C1336. I'ved attached that file to this message. Hopefully you will be able to download it. I'm thinking of trying this mode to see if it corrects my squelch problem in FM.

Mike - KF4DUS

From: ron <rongw3plb@...>
To: FT897@yahoogroups.com
Sent: Mon, May 31, 2010 1:44:20 PM
Subject: [FT897] noise on fm

Hi I getting a lot of crackles om fm on two metres.
the 's meter' is stable but the recieve light (green) keeps going on and off and the audio seems to break up .
Tried ajusting the 'squelch' but seem to have little effect,by the way it is fine on fm broadcast bands

73
Ron GW3PLB

[Non-text portions of this message have been removed]

30238. Re: [FT897] QUESTION on ft 897D

Yahoo group: FT897 (2010)
Date: 2010-06-01 00:11:22 UTC
From: DALE
Topic: 30234 Message: 30238

Check here first before doing anything.
http://www.universal-radio.com/catalog/mics/2470.html

Dale

----- Original Message -----
From: "n5iz" <raybrmly@...>
To: FT897@yahoogroups.com
Sent: Monday, May 31, 2010 3:23:45 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] QUESTION on ft 897D

my question is. are anyone useing a sm 6 mic on the ft 897D and if so...how.i want to hook one up to my radio.but my understanding the electet need dc voltage.i only have 4 wires from mic.for mic/ptt and the grounds.should'nt it be 5 wires coming out of mic.any help..
73 ray n5iz

[Non-text portions of this message have been removed]

30239. Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-05-31 23:47:28 UTC
From: ice_berg_
Topic: 30239 Message: 30239

I just passed the general test, and will be buying an 897D setup in the next week or two (waiting on a contract check). Where I live I can not have a tower so I was looking at something like a buddipole but I thought I would ask around and see what types of input I could get. Whatever it is it has to be able to be taken down when not in use or when the owner of the property requests (ie maintenance on the property etc, they just don't want a semi/permeant feature)

The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner, FP-30 for base station use.

Comments are very welcome but mostly Im looking for what I can do about the antenna situation, there isn't room here to erect a 1/2 wave dipole for most of the HF bands.

30240. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 13:23:27 UTC
From: Alan E. Lutz
Topic: 30239 Message: 30240

Before you lay down your money for the tuner, take a look at the LDG AT-100 Pro II. I have had one since they were released in March. I am very happy with it.

Also, I use a G5RV variant and have had quite good luck with it. If you put it u[with pulleys, it may satisfy your landlord's requirements.

73 de Alan

AE1NH

----- Original Message -----
From: "ice_berg_" <ice_berg_@...>
To: FT897@yahoogroups.com
Sent: Monday, May 31, 2010 7:47:28 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] Need help with Antenna selection

I just passed the general test, and will be buying an 897D setup in the next week or two (waiting on a contract check). Where I live I can not have a tower so I was looking at something like a buddipole but I thought I would ask around and see what types of input I could get. Whatever it is it has to be able to be taken down when not in use or when the owner of the property requests (ie maintenance on the property etc, they just don't want a semi/permeant feature)

The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner, FP-30 for base station use.

Comments are very welcome but mostly Im looking for what I can do about the antenna situation, there isn't room here to erect a 1/2 wave dipole for most of the HF bands.

[Non-text portions of this message have been removed]

30241. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 13:24:08 UTC
From: Patrick
Topic: 30239 Message: 30241

http://www.s9antennas.com/index.html

On Mon, May 31, 2010 at 7:47 PM, ice_berg_ <ice_berg_@...> wrote:

>
>
> I just passed the general test, and will be buying an 897D setup in the
> next week or two (waiting on a contract check). Where I live I can not have
> a tower so I was looking at something like a buddipole but I thought I would
> ask around and see what types of input I could get. Whatever it is it has to
> be able to be taken down when not in use or when the owner of the property
> requests (ie maintenance on the property etc, they just don't want a
> semi/permeant feature)
>
> The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner,
> FP-30 for base station use.
>
> Comments are very welcome but mostly Im looking for what I can do about the
> antenna situation, there isn't room here to erect a 1/2 wave dipole for most
> of the HF bands.
>
>
>

[Non-text portions of this message have been removed]

30242. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 13:35:57 UTC
From: Alan E. Lutz
Topic: 30239 Message: 30242

This is a nice antenna at a great price, but IMO the radials may pose a problem with his landlord.

73 de Alan
AE1NH

----- Original Message -----
From: "Patrick" <milw156@...>
To: FT897@yahoogroups.com
Sent: Tuesday, June 1, 2010 9:24:08 AM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] Need help with Antenna selection

http://www.s9antennas.com/index.html

[Non-text portions of this message have been removed]

30243. Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 14:18:35 UTC
From: ke4grp@aol.com
Topic: 30239 Message: 30243

You just might want to consider a Par Electronics Endfedz antenna. They make them in several different bands. Some of the shorter antennas, 17, 15, 10 meters could easily be stretched across a short room or hung over a balcony, inverted L style and work just fine. Take a look at the Eham reviews under Wire Antennas.

I also use the AT 200 pro and it works great.

Good Luck
Chuck
K4grp

[Non-text portions of this message have been removed]

30244. Re: QUESTION on ft 897D

Yahoo group: FT897 (2010)
Date: 2010-06-01 14:40:05 UTC
From: Steve Yates
Topic: 30234 Message: 30244

Ray,

I have a SM-5 wired for my FT-897D. However, I had to modify the microphone to work with it though. I believe the SM-5 is just an older version of the SM-6. They look alike. Two things are a problem:

1. The SM-5 requires DC voltage on the mic audio line. The FT-897D breaks these out to two different lines.
2. The SM-5's audio gain is WAY too high for the FT-897D

I had to decouple the mic audio line with a capacitor. Supply the DC via a resistor to the SM-5's mic line in front of the capacitor. Last but definitely not least, I had to build a resistor PI network attenuator to lower the audio by 20 or 40 dB (can't remember now). When I get home I'll try to find my schematic that I drew up and up load it to the group.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "n5iz" <raybrmly@...> wrote:
>
> my question is. are anyone useing a sm 6 mic on the ft 897D and if so...how.i want to hook one up to my radio.but my understanding the electet need dc voltage.i only have 4 wires from mic.for mic/ptt and the grounds.should'nt it be 5 wires coming out of mic.any help..
> 73 ray n5iz
>

30245. Re: QUESTION on ft 897D

Yahoo group: FT897 (2010)
Date: 2010-06-01 14:48:05 UTC
From: Steve Yates
Topic: 30234 Message: 30245

Ray,

Looking at the SM-6 schematic it may be easy to just cut a trace (from R5 to C4) to reroute the DC power and add a small resistive attenuator (3 resistors) in the audio line.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
>
> Ray,
>
> I have a SM-5 wired for my FT-897D. However, I had to modify the microphone to work with it though. I believe the SM-5 is just an older version of the SM-6. They look alike. Two things are a problem:
>
> 1. The SM-5 requires DC voltage on the mic audio line. The FT-897D breaks these out to two different lines.
> 2. The SM-5's audio gain is WAY too high for the FT-897D
>
> I had to decouple the mic audio line with a capacitor. Supply the DC via a resistor to the SM-5's mic line in front of the capacitor. Last but definitely not least, I had to build a resistor PI network attenuator to lower the audio by 20 or 40 dB (can't remember now). When I get home I'll try to find my schematic that I drew up and up load it to the group.
>
> 73,
> Steve - AA5TB

30246. Re: Mode and Band not responding

Yahoo group: FT897 (2010)
Date: 2010-06-01 17:34:44 UTC
From: W1AEX
Topic: 30230 Message: 30246

Hi Graham,

The "locked" mode and band keys phenomenon will happen if the rig is turned on in the transmit mode. This happened to me a number of times after I pulled the rig forward from its normal position on the operating desk, causing the cw plug to pull partially out of the cw jack on the back panel. The partially inserted plug closed the keying circuit so that when the rig was powered on, it detected the fault and came up in "safety mode" which prevents inadvertently powering the rig up in the transmit mode. The same thing would happen when my wife would throw my mail onto the operating desk on top of the CW key.

I don't think this "feature" is documented in the manual, but it has been brought up here several times over the years. Your description sounds similar to what others have experienced with this feature.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "graham787" <g0nbd@...> wrote:
>
> Mode and Band not responding
>
> 2 years old now , any one else had this problem ??
>
> G..

30247. FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-01 13:59:18 UTC
From: Philip
Topic: 30247 Message: 30247

Hi. I have an FT-897D I bought last week and am loving it with the LDG AT-200 and a G5RV. Anyway...my questions is whether or not the keys outside of the screen should be illuminating? I am operating with the internal power supply from AC and am aware of the various settings for the LCD and its illumination modes, but do other keys not have any back-lighting to help you see them in the field or mobile?

For example the V/M, HOME, DSP, BAND UP and BAND DOWN buttons? Hoping my rig doesn't have a problem....may be they just don;t have any lighting? I don;t see any setting and I have searched the FT-897D operating manual in PDF form with searches for 'illuminat' and 'light' and 'key' etc.

Thanks.

Phil
N3KDJ in CT

30248. RE: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 19:11:42 UTC
From: Richard Drevo
Topic: 30239 Message: 30248

Patrick,

How much yard space do you have; length, width, etc. ?
Are there any trees, etc. that you can use as supports ?
Are you resticted to an indoor "attic type" antenna ?
Can you put something up that is verical

Personally, I would not recommend a "buddy pole" , but that is my own
preference.

73es,
Dick Drevo, W3GNQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Patrick
Sent: Tuesday, June 01, 2010 9:24 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Need help with Antenna selection

http://www.s9antennas.com/index.html

On Mon, May 31, 2010 at 7:47 PM, ice_berg_ <ice_berg_@...> wrote:

>
>
> I just passed the general test, and will be buying an 897D setup in
> the next week or two (waiting on a contract check). Where I live I can
> not have a tower so I was looking at something like a buddipole but I
> thought I would ask around and see what types of input I could get.
> Whatever it is it has to be able to be taken down when not in use or
> when the owner of the property requests (ie maintenance on the
> property etc, they just don't want a semi/permeant feature)
>
> The setup I will be purchasing is the 897D, the LDG 200 memory auto
> tuner, FP-30 for base station use.
>
> Comments are very welcome but mostly Im looking for what I can do
> about the antenna situation, there isn't room here to erect a 1/2 wave
> dipole for most of the HF bands.
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30249. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 19:23:54 UTC
From: Joe
Topic: 30239 Message: 30249

Just out of curiosity, Richard, why do you not recommend a Buddipole?

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Richard Drevo" <rdrevo@...>
Subject: RE: [FT897] Need help with Antenna selection

> Personally, I would not recommend a "buddy pole" , but that is my own
> preference.

30250. Re: Interface Problem (FINAL)

Yahoo group: FT897 (2010)
Date: 2010-06-01 19:27:04 UTC
From: iz0inx
Topic: 30229 Message: 30250

Hi Noel,

I have the MFJ-993b, which is a slightly different version of the MFJ-929 and I agree with you, it's definitely an excellent tuner.

I believe that the reason why it didn't work is that you miss to use the MFJ-5114Y interface. As stated on pag.10 of the manual (http://www.mfjenterprises.com/man/pdf/MFJ-929.pdf) it is needed for interfacing the tuner with the FT-897.
With that interface the rig will see the tuner as it were a FC-30.

If I'm wrong and you have the MFJ-5114Y, you have to consider that my Mic/CAT interface makes available only the CAT functionality, not all the signals available on the CAT connector on the rear panel of the 897.
So, what you have to do, is to use the CAT from the mike connector only for communicating with a program (i.e. Ham Radio Deluxe) whereas the rear socket is the right place to connect the MFJ-5114Y and then your tuner.

By the way, when I went to similar trouble, I decided that the MFJ-5114Y was too expensive to buy and decided to build something by myself.
I actually don't like to activate the tuning by pressing the Tune button on the rig, as I want to have other menus available then the MF-k.
I prefer to press the TUNE button on the tuner. In order to have it working I realized a simple interface which basically force the 897 to go in TX with a carrier when the button is pressed.
It is connected to the ACC socket on the 897 and is quite simple and cheap to realize.
If you like, I can send you the schematics.

Hope this helps,
cheers,
Fil IZ0INX

--- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@...> wrote:
>
> Hi all,
>
> I finally got around to assembling the Mic/Cat cable project per Fil's instructions below.
> Unfortunately it did not work, my guess is because the tuner is an MFJ-929 and not an FC-30.
>
> I'll keep the MFJ-929 tuner, it is an excellent unit. Minor inconvenience, is changing the bands and
> modes manually. Thanks for the input from all.
>
> 73, Noel (OM) N3NZ

>
>
>
>
>
>
> ----- Original Message -----
> From: Noel Zeibari
> To: FT897@yahoogroups.com
> Sent: Wednesday, May 12, 2010 7:42 PM
> Subject: [FT897] Re: Interface Problem
>
>
>
> Hi Fil,
>
> Downloaded the English version of your Mic/Cat project, seems easy enough to
>
> Build.
>
> Could not locate the 8 pin female mini din at Radio Shack or Micro center.
>
> Ordered the parts from www.mouser.com, will be getting all parts within a week.
>
> Best regards,
>
> 73, Noel (OM) N3NZ
>
> --- In FT897@yahoogroups.com, "iz0inx" <iz0inx@> wrote:
> >
> > Hi Noel,
> >
> > I've had the same problem with my FC-40
> > As Chuck says, you can easily use the Mike connector which supports CAT .
> > Take a look here:
> > http://www.iz0inx.it/autocostruzione/MicCat.htm
> > There is also a donwloadable English version.
> >
> > 73,
> > Fil - IZ0INX
> >
> >
> > --- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@> wrote:
> > >
> > > Hi,
> > >
> > >
> > >
> > > Installed the MFJ-929 Auto tuner to the FT-897D and it's working flawlessly. The
problem now, is I can't use the Cat cable to control the rig. Is there a splitter on the

market to hookup the Cat cable and the Tuner interface cable to the rig?
> > >
> > >
> > >
> > > Noel (OM) N3NZ
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30251. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 19:42:29 UTC
From: Patrick
Topic: 30239 Message: 30251

Well I do not have, much space, but i do have is a carport, covered with corrugated aluminum. I mounted the S9 vertical, in the middle of the roof. I grounded it to the roof. I have about 25-30 feet all around, working as a counter-poise. As for the performance......it's incredible. Best antenna I ever had installed, next to my Cushcraft A3S tribander. Iv'e been able to work alot of DX with it. Just my 2 cents.

Patrick KI8UM

On Tue, Jun 1, 2010 at 3:11 PM, Richard Drevo <rdrevo@...> wrote:

>
>
> Patrick,
>
> How much yard space do you have; length, width, etc. ?
> Are there any trees, etc. that you can use as supports ?
> Are you resticted to an indoor "attic type" antenna ?
> Can you put something up that is verical
>
> Personally, I would not recommend a "buddy pole" , but that is my own
> preference.
>
> 73es,
> Dick Drevo, W3GNQ
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> Patrick
> Sent: Tuesday, June 01, 2010 9:24 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Need help with Antenna selection
>
> http://www.s9antennas.com/index.html
>
> On Mon, May 31, 2010 at 7:47 PM, ice_berg_ <ice_berg_@...<ice_berg_%40yahoo.com>>
> wrote:
>
> > >
> > >
> > > I just passed the general test, and will be buying an 897D setup in
> > > the next week or two (waiting on a contract check). Where I live I can
> > > not have a tower so I was looking at something like a buddipole but I
> > > thought I would ask around and see what types of input I could get.
> > > Whatever it is it has to be able to be taken down when not in use or

> > when the owner of the property requests (ie maintenance on the
> > property etc, they just don't want a semi/permeant feature)
> >
> > The setup I will be purchasing is the 897D, the LDG 200 memory auto
> > tuner, FP-30 for base station use.
> >
> > Comments are very welcome but mostly Im looking for what I can do
> > about the antenna situation, there isn't room here to erect a 1/2 wave
> > dipole for most of the HF bands.
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

30252. RE: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 20:17:08 UTC
From: Richard Drevo
Topic: 30239 Message: 30252

Joe,

One of my friends has a buddy pole antenna and we simply have not had a good experience/s with it. It probably meets all of its published specifications. However, for the money invested, he probably could put up a more electrically efficient and less expensive antenna. That is all that was meant by my comment. (Possibly, he is in such a restricted area, the buddy pole antenna might be his only solution.)

73es,
Dick, W3GNQ

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Joe
Se nt: Tuesday, June 01, 2010 3:24 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Need help with Antenna selection

Just out of curiosity, Richard, why do you not recommend a Buddipole?

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Richard Drevo" <rdrevo@... <mailto:rdrevo%40comcast.net> >
Subject: RE: [FT897] Need help with Antenna selection

> Personally, I would not recommend a "buddy pole" , but that is my own
> preference.

[Non-text portions of this message have been removed]

30253. RE: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 20:50:28 UTC
From: Bret McDanel
Topic: 30239 Message: 30253

I think the first thing that has to be established are what bands do you plan on working on. The more bands you want quite often the more compromises you have to make in performance. The more portable it is the more compromises you have to make. Remember that the radiating element is only half the antenna, you need a counterpoise for the RF to "push off" of.

Also remember that the closer to the ground the more it will be NVIS and the higher up the more DX it will be. The general rule of thumb that I have heard is typically at 1/4 wavelength is the threshold to go from NVIS to DX, so if you want 20 meters you have to be at least 5 meters off the ground to go from NVIS to DX. There are other factors that come into play, but that is the general starting point.

The other thing to consider is the larger the antenna the better it will work (to a point). Antennas that are more compact generally do not work as well as antennas that are "full size".

There is the ATAS-120 which is an auto tuning antenna. I have mounted one on a tripod and made radials for it. I spread them out and it makes for a portable setup. It even stores away in a small package when not in use. This is not ideal but it is better than the manual "portable" ATAS antenna.

The radials attach to a metal plate via wingnuts. Someone else did something similar and they have photos at http://www.ae7q.net/doc/public/ATAS-120.php

The downside is that the ATAS-120 will only do a few bands, there is another brand of auto tuning antenna that does more (which I only found out about after getting the ATAS).

You can do a long wire with a tuner, but again performance is not as optimal as a properly tuned antenna. I have used a Z11 pro from LDG and a balun with good results. You could use a dipole with this, even something like a "lazy-h" tuned for some band that will lend itself to reasonable performance on other bands. People have run 200w on a fairly small gauge of wire, although if you really want to do this right you might want to use copperweld or similar (copper jacketed steel wire) to prevent stretching which changes the SWR over time. If the wind can whip the antenna around you may notice some problems making contact with weak stations so having the antenna secured taught might be a good design consideration.

Wire antennas like that are often easy to hide, which means almost no one asks you to take it down because they just dont associate a small wire wrapped around the eaves of the house as an antenna, especially if

it blends in well in terms of color. YMMV.

30254. Re: [FT897] FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-01 20:52:06 UTC
From: Ken Bandy, KJ9B
Topic: 30247 Message: 30254

There is no backlighting for any buttons on the FT 897(D), Phil. Would be handy for field ops, though.

73,
Ken
KJ9B
----- Original Message -----
From: "Philip" <pwscott@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, June 01, 2010 8:59 AM
Subject: [FT897] FT-897D Backlighting/Illumination of keys?

> Hi. I have an FT-897D I bought last week and am loving it with the LDG
> AT-200 and a G5RV. Anyway...my questions is whether or not the keys
> outside of the screen should be illuminating? I am operating with the
> internal power supply from AC and am aware of the various settings for the
> LCD and its illumination modes, but do other keys not have any
> back-lighting to help you see them in the field or mobile?
>
> For example the V/M, HOME, DSP, BAND UP and BAND DOWN buttons? Hoping my
> rig doesn't have a problem....may be they just don;t have any lighting? I
> don;t see any setting and I have searched the FT-897D operating manual in
> PDF form with searches for 'illuminat' and 'light' and 'key' etc.
>
> Thanks.
>
> Phil
> N3KDJ in CT

30255. Re: [FT897] FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-01 20:59:57 UTC
From: Bret McDanel
Topic: 30247 Message: 30255

On Tue, 2010-06-01 at 15:52 -0500, Ken Bandy, KJ9B wrote:
>
> There is no backlighting for any buttons on the FT 897(D), Phil. Would
> be
> handy for field ops, though.
>

I got the dtmf mic for the 897 and its keys are backlight and you can do almost everything with that instead of doing it with the controls on the radio. It does take a little learning to know what buttons do what without thinking about it, but it is something you can do if you really want night/low-light backlit options.

kc2dwq

30256. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 21:16:46 UTC
From: Charles Scott
Topic: 30239 Message: 30256

On 6/1/2010 4:50 PM, Bret McDanel wrote:
> Also remember that the closer to the ground the more it will be NVIS and
> the higher up the more DX it will be. The general rule of thumb that I
> have heard is typically at 1/4 wavelength is the threshold to go from
> NVIS to DX, so if you want 20 meters you have to be at least 5 meters
> off the ground to go from NVIS to DX. There are other factors that come
> into play, but that is the general starting point.
>
Bret:

Minor point of clarification for some who may not be aware. The above statement really only applies to horizontal antennas. Vertical antennas typically favor a low angle even if they are ground mounted and will not favor NVIS regardless of how high or low they are.

Perhaps the other point is that this is all kind of a continuum. There is no real cut-off point above or below which you do or don't have NVIS. As such, you can at times work DX well on a low antenna even though it may be some 10 or 20 dB down at lower angles and similarly you can at times work NVIS on high antennas.

Also, if anyone's not familiar with NVIS, you might want to take a few minutes to search around the Internet for info. Here's one link below. NVIS is not particularly intuitive to people who typically work DX on higher antennas, verticals, or beams, so it's worth reading up on it.

http://en.wikipedia.org/wiki/Near_Vertical_Incidence_Skywave

Chuck - N8DNX

30257. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 21:18:39 UTC
From: Chip G.
Topic: 30239 Message: 30257

There is a learning curve to the Buddipole. It's not tough, but some folks have trouble until the 'figure it out.' There is a Buddipole group you can join for advice, or I will be happy to answer questions off this list. The Buddipole is one of the best portable antenna systems around.

-- Chip - n1mie

On Jun 1, 2010, at 16:17, Richard Drevo <rdrevo@...> wrote:

> Joe,
>
> One of my friends has a buddy pole antenna and we simply have not had a good
> experience/s with it. It probably meets all of its published specifications.
> However, for the money invested, he probably could put up a more
> electrically efficient and less expensive antenna. That is all that was
> meant by my comment. (Possibly, he is in such a restricted area, the buddy
> pole antenna might be his only solution.)
>
> 73es,
> Dick, W3GNQ
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Joe
> Se nt: Tuesday, June 01, 2010 3:24 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Need help with Antenna selection
>
>
>
>
> Just out of curiosity, Richard, why do you not recommend a Buddipole?
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Richard Drevo" <rdrevo@... <mailto:rdrevo%40comcast.net> >
> Subject: RE: [FT897] Need help with Antenna selection
>
>> Personally, I would not recommend a "buddy pole" , but that is my own
>> preference.
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30258. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 21:35:25 UTC
From: ke4grp@aol.com
Topic: 30239 Message: 30258

Hi, group. I forgot to mention the Buddipole. I have one of those as well, and use it when we go to the beach. It is perfect for a balcony situation. However, if you have the room, the Par Electronics just works better.

Chuck
K4GRP

[Non-text portions of this message have been removed]

30259. Re: FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-02 00:23:32 UTC
From: Philip
Topic: 30247 Message: 30259

Thanks for the replies. Sort of relieved that there's no problem with my rig, it just lacks the button back-lighting as a feature. OK.

I did get the lighted DTMF mic with it, but no matter how I set the two switches on the mic, I still don't seem able to QSY the rig with it nor enter freqs etc. I imagine there must be some menu item for that huh?

Thanks,

Phil
N3KJD

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> On Tue, 2010-06-01 at 15:52 -0500, Ken Bandy, KJ9B wrote:
> >
> > There is no backlighting for any buttons on the FT 897(D), Phil. Would
> > be
> > handy for field ops, though.
> >
>
> I got the dtmf mic for the 897 and its keys are backlight and you can do
> almost everything with that instead of doing it with the controls on the
> radio. It does take a little learning to know what buttons do what
> without thinking about it, but it is something you can do if you really
> want night/low-light backlit options.
>
>
> kc2dwq
>

30260. FT-897D Settings For Olivia, Domino, MT63

Yahoo group: FT897 (2010)
Date: 2010-06-02 00:29:05 UTC
From: JonP
Topic: 30260 Message: 30260

I have been very successful in using my FT-897D on PSK (various) and RTTY (various). However, I have been entirely unsuccessful on Olivia, Domino, MT63.

I use a SignaLink USB interface and DM780 with the FT-897D in the digital mode. For PSK I use the PSK-U digital setting, and for RTTY I use the RTTY-U setting. For Olivia, etc. I've tried the PSK-U mode as well as the USER-U mode.

I'm seeing the signals on the waterfall, but no matter what I do they're just not translating to text. Sometimes they'll translate to gibberish, but that's as close as I've come.

Can anyone suggest setting changes that I need to make on the radio please? If I use digital mode USER-U, are there setting changes on menu items 36 and 38 that I need to make? Or on anything else? NB, AGC, DSP?

Thanks in advance

Jon
KB1QBZ

30261. Re: FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-02 00:59:48 UTC
From: iz0inx
Topic: 30247 Message: 30261

Yes, for using the MH-59 mic you have to set the menu 059 to "RMT" whereas with normal mic just leave it on "NOR".

73, Fil IZ0INX

--- In FT897@yahoogroups.com, "Philip" <pwscott@...> wrote:
>
> Thanks for the replies. Sort of relieved that there's no problem with my rig, it just lacks the button back-lighting as a feature. OK.
>
> I did get the lighted DTMF mic with it, but no matter how I set the two switches on the mic, I still don't seem able to QSY the rig with it nor enter freqs etc. I imagine there must be some menu item for that huh?
>
> Thanks,
>
> Phil
> N3KJD
>
>

30262. Re: [FT897] Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 05:32:36 UTC
From: josedouglas@yahoo.com
Topic: 30239 Message: 30262

We have a Par Endfedz 6 metre antenna; signals are coming in (and out) but weak, with a lot of noise on FM.
Good friend has some for other bands as well and those seem to work fine.
73s

Jose Douglas
KB1TCD

From: "ke4grp@..." <ke4grp@...>
To: FT897@yahoogroups.com
Sent: Tue, June 1, 2010 10:18:35 AM
Subject: [FT897] Need help with Antenna selection

You just might want to consider a Par Electronics Endfedz antenna. They make them in several different bands. Some of the shorter antennas, 17, 15, 10 meters could easily be stretched across a short room or hung over a balcony, inverted L style and work just fine. Take a look at the Eham reviews under Wire Antennas.

I also use the AT 200 pro and it works great.

Good Luck
Chuck
K4grp

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30263. re: FT-897D settings for Olivia

Yahoo group: FT897 (2010)
Date: 2010-06-02 05:48:56 UTC
From: josedouglas@yahoo.com
Topic: 30263 Message: 30263

I use PSK-U setting and Signalink, no problem using Olivia and MT63 using FLDIGI programme. Don't use any filtering but must have ALC turned on and then managed using Signalink where it barely goes on and then back it off.
Jon, feel free to contact me personally, I might be of more help when I am actually at the shack...

73s

Jose Douglas
KB1TCD

30264. Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 22:44:06 UTC
From: Brian Forney
Topic: 30239 Message: 30264

I live in a CCR area so I've had to make some antenna compromises. It's a bit spendy but just so you have another option you might want to check out vertical dipoles (no ground radials needed) from either Force 12 or Trans World. They are only 9' or so tall and work sitting on the ground.

I have the Trans World Antenna "Backpacker" and have been quite happy with it. It comes with a stand and is very easy to put up/tear down. My local geography is not great for HF (I live in a hollow-everything nearby is uphill from me) but it lets me make plenty of domestic contacts as well as some international. Taken out in the field and set up in the clear on high ground it really shines.

As someone else said, be sure to consider what band(s) you want before purchasing. The multi-band vertical dipoles tend to be 5 band 10-20m units. As a final note, perhaps you could borrow some portable antennas from someone in your local club. This way you could get a feel for what a buddipole set up or some of the other options would do from the spot you have to work with. It's good to get as much of the trial and error as you can completed before you start to spend real money.

73,

Brian K7TKT

[Non-text portions of this message have been removed]

30265. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-01 23:26:26 UTC
From: ice_berg_
Topic: 30239 Message: 30265

My main issue with where I currently am is that it was hard enough getting them to agree to the grounding rod. I have considered trying to get them to allow a flag pole and try a flag pole antenna.

Like I mentioned I just passed the test so I I have my CSCE but the FCC db hasn't even been updated yet. So my experiences with HF are minimal. We have a ham group here but most of them have not had to deal with the restrictions I do, so their advice was minimal.

At this point I do not know what bands I will want to work. Right now I just have to look for a system that can be taken down at the end of the day with no trace that it was ever there. If there is a good way to set up a vertical without having to pour concrete or pounding a post into the ground where I can take the antenna down and inside at the end of the session that would be great. If I can also get something to do a few bands to experiment with that would also be great.

Bryan
KB9YEN

30266. RE: [FT897] Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 10:36:43 UTC
From: Ted Wrobel
Topic: 30239 Message: 30266

Hi Bryan,

Take a look here:

http://transworldantennas.com/

I don't have one yet, but many people seem to think very highly of this antenna. Since it folds up into a small package, does not use ground rods or radials, and isn't too large it might be a solution to your problem. Take a look at the e-ham reviews of it too.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ice_berg_
Sent: Tuesday, June 01, 2010 19:26
To: FT897@yahoogroups.com
Subject: [FT897] Re: Need help with Antenna selection

My main issue with where I currently am is that it was hard enough getting them to agree to the grounding rod. I have considered trying to get them to allow a flag pole and try a flag pole antenna.

Like I mentioned I just passed the test so I I have my CSCE but the FCC db hasn't even been updated yet. So my experiences with HF are minimal. We have a ham group here but most of them have not had to deal with the restrictions I do, so their advice was minimal.

At this point I do not know what bands I will want to work. Right now I just have to look for a system that can be taken down at the end of the day with no trace that it was ever there. If there is a good way to set up a vertical without having to pour concrete or pounding a post into the ground where I can take the antenna down and inside at the end of the session that would be great. If I can also get something to do a few bands to experiment with that would also be great.

Bryan
KB9YEN

[Non-text portions of this message have been removed]

30267. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 11:00:39 UTC
From: JonP
Topic: 30239 Message: 30267

The End-Fedz are good antennas, but are rated by the vendor as single band only. I know one person who used his multi-band, but he could never figure out why he wasn't getting good results on the other bands.

The Buddipole is a great portable antenna -- easy to put up/take down. Remember though that in the dipole configuration, V, and inverted V, it's very much NVIS because it's down low to the ground (which would explain one of the other posters was unhappy with his). As a vertical with counterpoise, L, or vertical dipole, the Buddipole does an excellent job of DXing. Same for the Buddistick and the MP-1 antennas, which are just verticals with a counterpoise.

Many people have very good results with a random length wire and a tuner. There are all sorts of stories around the net of people who have put up very thin random length wires that are practically invisible. As a horizontal, if it's high enough, it'll have good DX results.

Something similar is the inverted L. Here's a link to an article on dxzone.
http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=19969

Check out the TAK-tenna (http://www.tak-tenna.com). Crazy thing, but I've had good results with it, especially as a vertical. It's a single band antenna, but can be loaded on other bands. Put a balun near the shack and run ladder line out to the antenna and it'll do well on multiple bands.

I know people who have put things like the Alpha Delta DX-EE antennas in their attics and managed WAS and DXCC.

By the way, someone mentioned not having very much luck with a horizontal wire antenna on FM. Most people use verticals on FM, and the difference between vertical polarization and horizontal polarization is VERY noticeable at VHF and UHF frequencies. I can see a 40+ DB difference between having my antenna vertical and having it horizontal in 2 meter FM operations.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "ice_berg_" <ice_berg_@...> wrote:
>
> I just passed the general test, and will be buying an 897D setup in the next week or two (waiting on a contract check). Where I live I can not have a tower so I was looking at something like a buddipole but I thought I would ask around and see what types of input I could get. Whatever it is it has to be able to be taken down when not in use or when the owner of the property requests (ie maintenance on the property etc, they just don't want a semi/permeant feature)
>
> The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner, FP-30 for base station use.

>
> Comments are very welcome but mostly Im looking for what I can do about the antenna situation, there isn't room here to erect a 1/2 wave dipole for most of the HF bands.
>

30268. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 11:42:46 UTC
From: brian_forney
Topic: 30239 Message: 30268

Given that you don't know what kind of operating interests you (VHF or HF, voice or digital, etc.) and you will also have to operate in temporary mode from your home, your timing could not be better.

ARRL Field Day is 6/26 - 6/27. This would be a great opportunity for you to see some temporary antennas in use and to see / try out for yourself different modes. Granted, some of the antennas will be 'temporary' massive structures that would be much too big for your situation but if your local group is very large you could also get a chance to see some of the smaller portable antennas that have been discussed here set up in the field --- just like you will be operating at home each day in your situation (no ground rods, massive towers, etc.)

If nothing else, it would be a great hands on opportunity for you to get on the air in different modes without having to figure out / buy all of that equipment yourself. You would also have access to talk to local hams for an entire weekend. Some of them may have a buddipole or two laying around in the attic from thier pre-tower days that they could lend you. You might also be surprised how many of them have past experience with situation similar to what you are facing now.

Get a hold of your local club(s) and see what they are doing for Field Day. Go hang out with them, observe antennas and get on the air. After Field Day you would be better positioned to make the decisions you are facing.

73,
Brian K7TKT

30269. Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 12:07:16 UTC
From: Wayne Chilcote
Topic: 30239 Message: 30269

I've heard good things about the CCD antennas http://www.ccdantennas.com/CCD/
I don't have one yet, but they're supposed to be able to run along eaves, fences, etc.
They're for 80M-40M-20M, single or 2-band models.

Wayne K7WAY

"Love All Beings, That is Enough."
That doesn't mean you necessarily trust them.

[Non-text portions of this message have been removed]

30270. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 15:54:16 UTC
From: ve7xpk
Topic: 30239 Message: 30270

Hi Bryan:

Congrats on getting licensed.

I have much the same situation as you and have found several solutions.

-BuddiPole -> see http://buddipole.com
-Par End-Fedz antennas -> see http://www.parelectronics.com/index.php
-I'm in the process of checking out my nice aluminum rain gutters. I'll be joining them all together with invisible strapping to avoid discontinuities between gutter segments.
-Use either an RF ground (see ARRL yearbook) or an MFJ Artificial Ground to avoid RF in the shack.

All of this stuff can go up and down in a jiffy.

Best of luck.

Paul
VE7XPK

--- In FT897@yahoogroups.com, "ice_berg_" <iceberg@...> wrote:
>
> My main issue with where I currently am is that it was hard enough getting them to agree to the grounding rod. I have considered trying to get them to allow a flag pole and try a flag pole antenna.
>
> .....at the end of the session that would be great. If I can also get something to do a few bands to experiment with that would also be great.
>
>
> Bryan
> KB9YEN
>

30271. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-02 19:56:06 UTC
From: Steve
Topic: 30239 Message: 30271

Bryan,
Have a look at a site like s9antennas.com, I tend to rool my own but this site can make it rather easy if you have the bucks for the 32 foot or the 45 foot version.
I pounded in a galv pipe next to some small palms went to the local Lowes and found a small decorative fiberglass "fake" rock that sits over the pipe found some low cost green electrical wire and slit it into the grass used some pipe hanger strap to the pipe.
Electrical conduit clamps with wing nuts attach the vertical ro the pipe and I use a 4:1 going to a LDG tuner.
Everything is up and running in less the five min and when I take it down and cove with the rock no one has seen it in over a year.
if you have lawn maint drive some tent nail into the rock when they come around.
Regards.
AB2ET/4

--- In FT897@yahoogroups.com, "ice_berg_" <iceberg@...> wrote:
>
> My main issue with where I currently am is that it was hard enough getting them to agree to the grounding rod. I have considered trying to get them to allow a flag pole and try a flag pole antenna.
>
> Like I mentioned I just passed the test so I I have my CSCE but the FCC db hasn't even been updated yet. So my experiences with HF are minimal. We have a ham group here but most of them have not had to deal with the restrictions I do, so their advice was minimal.
>
> At this point I do not know what bands I will want to work. Right now I just have to look for a system that can be taken down at the end of the day with no trace that it was ever there. If there is a good way to set up a vertical without having to pour concrete or pounding a post into the ground where I can take the antenna down and inside at the end of the session that would be great. If I can also get something to do a few bands to experiment with that would also be great.
>
>
> Bryan
> KB9YEN
>

30272. Re: [FT897] Re: FT-897D Backlighting/Illumination of keys?

Yahoo group: FT897 (2010)
Date: 2010-06-03 00:21:07 UTC
From: Michael Hughey
Topic: 30247 Message: 30272

First make sure that menu 59 (mic select) is set to RMT instead of NORMAL (stock mic). To enter a freq you have first press the # key, then the number left of decimal point, then press the D key for the rest of the numbers. Then press the # key to enter. You can change the mode (am, fm, usb....etc...) with the 5 and 6 keys. Change the band with the 7 and 8. To change a memory channel press first the # key then channel number (no leading zeroes required) then press the * key. It took me awhile to figure it all out until I read the manual starting on page 69 (Shhhhhhhh..... don't tell the other guys that I actually read the manual. I have a rep you know). I've had my FT-897D for over a year now and I just recently figured out how to use the mic up/down keys as a CW paddle (menu 26 change to MICKEY). I tried it for a few CQ calls and then changed menu 25 to REVERSE and put my dahs on the UP key and the dits on my DOWN key. It
just felt better for me and it's easier to change than plugging in a paddle to the back of the unit while the radio is in the vehicle. Again, I must swear you to secrecy on
me actually reading the manual. The SEL/DIAL key has magical powers as well. Hold it until the light turns green and you can control the volume with the little wheel on the upper right. Otherwise (light is orange) it either changes freq or memory channel. Depending on how you set the lock button, you will probably have to press it to unlock the rest of the buttons on the mic. I hope this helps a little. Remember.....
shhhhhhhhhhh!

Mike - KF4DUS

From: Philip <pwscott@...>
To: FT897@yahoogroups.com
Sent: Tue, June 1, 2010 6:23:32 PM
Subject: [FT897] Re: FT-897D Backlighting/Illumination of keys?

Thanks for the replies. Sort of relieved that there's no problem with my rig, it just lacks the button back-lighting as a feature. OK.

I did get the lighted DTMF mic with it, but no matter how I set the two switches on the mic, I still don't seem able to QSY the rig with it nor enter freqs etc. I imagine there must be some menu item for that huh?

Thanks,

Phil
N3KJD

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> On Tue, 2010-06-01 at 15:52 -0500, Ken Bandy, KJ9B wrote:
> >
> > There is no backlighting for any buttons on the FT 897(D), Phil. Would
> > be
> > handy for field ops, though.

> >
>
> I got the dtmf mic for the 897 and its keys are backlight and you can do
> almost everything with that instead of doing it with the controls on the
> radio. It does take a little learning to know what buttons do what
> without thinking about it, but it is something you can do if you really
> want night/low-light backlit options.
>
>
> kc2dwq
>

[Non-text portions of this message have been removed]

30273. FT-897D - Switch on/off by cat control PC

Yahoo group: FT897 (2010)
Date: 2010-06-02 16:23:45 UTC
From: flix.martin
Topic: 30273 Message: 30273

Hello,

I wish to remote my FT-897D.
For that I need to remotely power it on and off.
Is there any way to do this ? Maybe by CAT as for TS-480's for example?

I already own one of those cheapy USB CAT interfaces but if the TRX is not on no connection is made by HRD.

Is there any software / hardware with which I could switch my ft-897d
on and off remotely ???

If not how does this FAST/power Function on the Mic work.
Is this pin grounded for 1 sec to turn the trx on and off or how is it made?

Many thanks and please excuse my lousy english :-)

mny 73's

Felix

30274. Re: [FT897] VFO knob fell off

Yahoo group: FT897 (2010)
Date: 2010-05-30 06:20:08 UTC
From: Dennis
Topic: 30199 Message: 30274

Not to mention it is a METRIC size!

On 05/29/2010 15:22, Christopher Patton wrote:
>
>
>
> If the 897 knob is the same as the 857 knob you peel the rubberback
> and there is a set screw that uses an allan wrench to tighten it.
> Becareful though so you don't over tighten it and strip the brass
> threadsof the know.
> Chris
> W3cum
> (yes I subscribe to the 897 group without owning one....I have the 857
> and there is a lot of great answers here that apply to the 857d)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

30275. Re: [FT897] VFO knob fell off

Yahoo group: FT897 (2010)
Date: 2010-06-03 03:24:28 UTC
From: Christopher Patton
Topic: 30199 Message: 30275

Spent an hour at Lowes finding that out .. and then Ibought a couple extra□s!

Not to mention it is a METRIC size!

On 05/29/2010 15:22, Christopher Patton wrote:
>
>
>
> If the 897 knob is the same as the 857 knob you peel the rubberback
> and there is a set screw that uses an allan wrench to tighten it.
> Becareful though so you don't over tighten it and strip the brass
> threadsof the know.
> Chris
> W3cum
> (yes I subscribe to the 897 group without owning one....I have the 857
> and there is a lot of great answers here that apply to the 857d)
>

[Non-text portions of this message have been removed]

30276. RE: [FT897] FT-897D - Switch on/off by cat control PC

Yahoo group: FT897 (2010)
Date: 2010-06-04 01:16:27 UTC
From: Michael Hughey
Topic: 30273 Message: 30276

Press the orange button once to toggle fast on/off for tuning and hold it to turn radio off and on. It's a beautiful thing.
Mike KF4DUS

-----Original Message-----
From: flix.martin <flix.martin@...>
Sent: Wednesday, June 02, 2010 10:23
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D - Switch on/off by cat control PC

Hello,

I wish to remote my FT-897D.
For that I need to remotely power it on and off.
Is there any way to do this ? Maybe by CAT as for TS-480's for example?

I already own one of those cheapy USB CAT interfaces but if the TRX is not on no connection is made by HRD.

Is there any software / hardware with which I could switch my ft-897d
on and off remotely ???

If not how does this FAST/power Function on the Mic work.
Is this pin grounded for 1 sec to turn the trx on and off or how is it made?

Many thanks and please excuse my lousy english :-)

mny 73's

Felix

Reply to sender | Reply to group | Reply via web pos

[The entire original message is not included]

[Non-text portions of this message have been removed]

30277. New member

Yahoo group: FT897 (2010)
Date: 2010-06-04 17:18:47 UTC
From: rflistner
Topic: 20473 Message: 30277

I just purchased an FT-897, SN 5N6600xx. I've determind it was manufactured in Dec 2005. My plan is to mount it in a Cargo trailer my Girlfriend (KE7DOG) and I are renovating into a neighborhood ARES/CERT trailer. I have had the Freeband Mod done. (It didn't work.) Are there any suggestions as to what else I should do, or get for this unit to be efective in field/Emergency situations?

Gary KE7MQF

P.S. The multiple menu system takes some practice to get use to.

30278. Power out

Yahoo group: FT897 (2010)
Date: 2010-06-04 17:12:04 UTC
From: rflistner
Topic: 30278 Message: 30278

When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed the following:

FM I get 100 watts out
AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
SSB it will first peak close to 100 watts, then drop down to 25~45 watts. (Using an MFJ-949E)
Menu #75-RF power Set is at 100.
Menu #81-SSB Mike Gain is set at 90.
Am I missing something or is this normal?

30279. reception 50 Mhz FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-04 10:23:23 UTC
From: Hamadou
Topic: 30279 Message: 30279

Hello everyone
I seems there a problem with reception on 50 MHz the noise is very low compared to other band, the parameters menu 2 unchanged, have you ever had to kind of problem because the reception on 50 MHz seems very low tests with my FT-817 ??? (emission ok)
73 had all

30280. Re: [FT897] Power Out(Use the correct Meter!)

Yahoo group: FT897 (2010)
Date: 2010-06-05 09:17:09 UTC
From: kc3vo@aol.com
Topic: 30280 Message: 30280

Power on FM=100 watts, AM=25 watts, SSB voice=30-35 watts is NORMAL, is using a n AVERAGE power meter to read it! You will need an active "PEAK-READING" meter, such as the BIRD#43P --This meter has batteries inside to power the peak detect circuit, which must be turned ON to read the peak power of SSB voice and AM with modulation. Your mike gain, set at 90, is too high! Reduce it to around 50, (40 to 65 is normal) and your audio is likely to improve! Apparently, you were making the common mistake of increasing mike gain to see if you would ever get to 100 watts on your power meter, but you do not have the right type of meter! Excess mike gain flattens the peaks, distorting the audio, and appears to increase power on cheap meters by doing so. Signals produced by this excess gain setting have no higher actual peak power, but they sound bad, like a cheap "CB" radio, and are poor amateur practice.-73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

30281. Re: Power Out(Use the correct Meter!)

Yahoo group: FT897 (2010)
Date: 2010-06-05 10:04:12 UTC
From: g8hul
Topic: 30280 Message: 30281

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> Power on FM=100 watts, AM=25 watts, SSB voice=30-35 watts is NORMAL, is
> using a n AVERAGE power meter to read it! You will need an active
> "PEAK-READING" meter, such as the BIRD#43P --This meter has batteries inside to power
> the peak detect circuit, which must be turned ON to read the peak power of
> SSB voice and AM with modulation. Your mike gain, set at 90, is too high!
> Reduce it to around 50, (40 to 65 is normal) and your audio is likely to
> improve! Apparently, you were making the common mistake of increasing mike
> gain to see if you would ever get to 100 watts on your power meter, but you
> do not have the right type of meter! Excess mike gain flattens the peaks,
> distorting the audio, and appears to increase power on cheap meters by doing
> so. Signals produced by this excess gain setting have no higher actual
> peak power, but they sound bad, like a cheap "CB" radio, and are poor amateur
> practice.-73, KC3VO, Bob Curry
>

Before steaming in with all guns blazing, perhaps you should read the original post!!

It was clearly stated that the ssb measurements were "using an MFJ-949E", which is indeed a Peak Reading meter.

The first 2 point are eaisly explained:

FM perfectly correct
AM the overshoot is well documented, and a 'feature' of the 897's ALC loop. The final power of 35-40W is correct as the un-modulated carrier power on AM will be about that level for 100W @100% modulation.

The SSB reading is a little more difficult to explain. With a mic gain at 90 thee should be plently of audio to fully modulate the set.

I am not familiar with exactly how the MFJ 949E does its peak detection, but perhaps your audio input is too fast on 'normal' speech to get a good peak reading; a long 'four' or 'wallllooo' might get the correct answer.

On the subjest of mic gain settings, having done quite a few measurements on my 897 and having the mic gain set as low as 50, does result in a low peak output getting nowhere near clipping, (as observed on a peak meter and on a scope, compared to a full 100W).

The ALC reading is not a good indication of actual compression of the output. If the mic gain is set so that there is just a small ammount of ALC indicated the actual PEP is well below 50W on my particular 897. Now this may be to to with individual alignment, or is could be associated with the appalling S meter response and the A to D'ing in the processor.

73
Jeff

30282. Re: 50MHz reception probs

Yahoo group: FT897 (2010)
Date: 2010-06-05 10:06:18 UTC
From: Dave Nelson
Topic: 30282 Message: 30282

hi there

wonder if you have noticed if the problem is intermittant ?
wondering if its the same prob I have on 50MHz. I havent seen any other posts
on here about it. i am a keen 6m operator and have, over the last 2 summer 6m
seasons, noticed that the receiver suddenly goes quiet and all signals drop drastically in strength accordingly.
Usually either a power off and back on or doing a band change, will restore full
RX. I cant remember for sure but I think going into TX and back to RX didnt restore the RX. I havent had time to get around to tracing the fault.
NOTE: it ONLY happens on 6m and reasonably regularly ... sometimes 3-4 times in an an hour

cheers
Dave
VK2TDN

At 08:52 AM 6/5/2010 +0000, you wrote:
>3. reception 50 Mhz FT-897D
> Posted by: "Hamadou" f1ehm@... f1ehm
> Date: Fri Jun 4, 2010 9:32 pm ((PDT))
>
>Hello everyone
>I seems there a problem with reception on 50 MHz the noise is very low
>compared to other band, the parameters menu 2 unchanged, have you ever had
>to kind of problem because the reception on 50 MHz seems very low tests
>with my FT-817 ??? (emission ok)
>73 had all

30283. Re: [FT897] reception 50 Mhz FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-05 11:40:12 UTC
From: Ken Bandy, KJ9B
Topic: 30279 Message: 30283

Are you using the same antenna on both the FT-817 and the FT-897D? Do you have a tuner on the FT-897D? You need to make sure you are testing with an antenna that is resonant in the 6 meter band, and no tuner is in line.

73,
Ken
KJ9B
----- Original Message -----
From: "Hamadou" <f1ehm@...>
To: <FT897@yahoogroups.com>
Sent: Friday, June 04, 2010 5:23 AM
Subject: [FT897] reception 50 Mhz FT-897D

> Hello everyone
> I seems there a problem with reception on 50 MHz the noise is very low
> compared to other band, the parameters menu 2 unchanged, have you ever had
> to kind of problem because the reception on 50 MHz seems very low tests
> with my FT-817 ??? (emission ok)
> 73 had all
>

30284. Re: Power Out(Use the correct Meter!)

Yahoo group: FT897 (2010)
Date: 2010-06-05 14:00:10 UTC
From: Clark
Topic: 30280 Message: 30284

> I am not familiar with exactly how the MFJ 949E does its peak detection, but perhaps your audio input is too fast on 'normal' speech to get a good peak reading; a long 'four' or 'wallllooo' might get the correct answer.
>

The general MFJ approach is passive and not very accurate for PEP readings (as I've observed several times using other meters, mainly my NYE RFM 003 that contains an active circuit to measure peaks). The MFJ readings would not convince me of any problems, I'd repeat the measurement with other meters before I worried at all.

Clark
WA3JPG

30285. Re: Power Out(Use the correct Meter!)

Yahoo group: FT897 (2010)
Date: 2010-06-05 16:58:11 UTC
From: g8hul
Topic: 30280 Message: 30285

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
>
> > I am not familiar with exactly how the MFJ 949E does its peak detection, but perhaps your audio input is too fast on 'normal' speech to get a good peak reading; a long 'four' or 'wallllooo' might get the correct answer.
> >
>
> The general MFJ approach is passive and not very accurate for PEP readings (as I've observed several times using other meters, mainly my NYE RFM 003 that contains an active circuit to measure peaks). The MFJ readings would not convince me of any problems, I'd repeat the measurement with other meters before I worried at all.
>
> Clark
> WA3JPG
>

Having found the circuit of the 949E on the MFJ website, it uses a single transistor sample and hold circuit, but I cannot comment on its effectivemess.

73
Jeff

30286. HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-05 19:58:22 UTC
From: Spike
Topic: 30286 Message: 30286

I have done exhaustive searches of the 897 manuals, the Internet, & this group's archives, & I can find no reference to adjusting the squelch range in this radio for any other mode than FM. I seldom use FM, but I often use the squelch(on my other radios). There is not enough squelch range on the 897 to be useful even on a quite 10 meter day.

There must be a way to adjust the range of the squelch when used on HF in modes other than FM. Does anybody out there know how it's done?
I guess I'm spoiled, all my other HF radios use a syllabic "smart" type squelch.

spike dot dennis at yahoo dot com

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

30287. Re: [FT897] HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-05 20:29:40 UTC
From: Carl Wulfestieg
Topic: 30286 Message: 30287

Dennis-
I don't know about other people but I only use squelch on FM. I don't use any squelch on any other modes. Where I am, near Atlanta, there is very little noise on HF using any mode. I'm mostly CW.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30288. RE: [FT897] HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-05 20:54:58 UTC
From: Richard Drevo
Topic: 30286 Message: 30288

Dennis,

Go into the MENU Settings and go to # 080. There you can enable or disable the squelch on the "SQL/RF" Knob on the front panel.

Hope this helps,

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Spike
Sent: Saturday, June 05, 2010 3:58 PM
To: FT897@yahoogroups.com
Subject: [FT897] HF SSB squelch range adjustment?

I have done exhaustive searches of the 897 manuals, the Internet, & this group's archives, & I can find no reference to adjusting the squelch range in this radio for any other mode than FM. I seldom use FM, but I often use the squelch(on my other radios). There is not enough squelch range on the 897 to be useful even on a quite 10 meter day.

There must be a way to adjust the range of the squelch when used on HF in modes other than FM. Does anybody out there know how it's done?
I guess I'm spoiled, all my other HF radios use a syllabic "smart" type squelch.

spike dot dennis at yahoo dot com

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

30289. Re: reception 50 Mhz FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-05 16:52:54 UTC
From: Hamadou
Topic: 30279 Message: 30289

--- In FT897@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Are you using the same antenna on both the FT-817 and the FT-897D? Do you
> have a tuner on the FT-897D? You need to make sure you are testing with an
> antenna that is resonant in the 6 meter band, and no tuner is in line.
>
> 73,
> Ken
> KJ9B

Not I uses no tuner on the 817 nor on the 897 and this on the same antenna, tape noise is much more important on the 817, but this is may be normal?

Thank you for answers

30290. Re: reception 50 Mhz FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-05 18:12:24 UTC
From: Hamadou
Topic: 30279 Message: 30290

--- In FT897@yahoogroups.com, "Ken Bandy, KJ9B" <kj9b@...> wrote:
>
> Are you using the same antenna on both the FT-817 and the FT-897D? Do you
> have a tuner on the FT-897D? You need to make sure you are testing with an
> antenna that is resonant in the 6 meter band, and no tuner is in line.
>
> 73,
> Ken
> KJ9B

not tuner, I am simply etonne the difference of noise band between the 897 and 817 on the same antenna?

73'

30291. Re: HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-05 21:38:54 UTC
From: Spike
Topic: 30286 Message: 30291

> Dennis-
> I don't know about other people but I only use squelch on FM. I

I have no use for FM, or for VHF(except for the occasional use of 51mc).
I monitor(or scan) all the HFpack freqs from 75 meters up.
I do this several ways. #1, I have 4ea Transworld TW100 each set to one of the freqs. #2, I have have 2 TW100's monitoring 2 freqs & another one scanning. #3, I have a Harris 3200, or an SEA 222 scanning. All these radios have their own various methods of a 'smart squelch' & all do a rather good job. With multiple radios running nearly all the time, squelch becomes important.

Recently I decided to also monitor the the 10mtr HFpack freq & figured the ordinary squelch provided by the 897 would be plenty good for 10mtrs. I was wrong. Even under very quite condition the squelch threshold is at nearly full throttle. Hence the reason I asked about the procedure for adjusting the squelch range.

Now having explained all that I might ask you why you bothered to respond given that you had no useful information to contribute? Especially given that this is a very active reflector with a great deal of traffic already.

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

30292. Re: HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-05 21:49:12 UTC
From: Spike
Topic: 30286 Message: 30292

> Dennis,
>
> Go into the MENU Settings and go to # 080. There you can enable or disable
> the squelch on the "SQL/RF" Knob on the front panel.
>
> Hope this helps,
>
> 73es,
> Dick, W3GNQ
>

Now why would I want to disable or enable the squelch? Did you read the original question? Or even a part of the original question?

I want to ADJUST THE RANGE of the squelch so that I CAN USED IT. Never mind,PLEASE, nobody else respond to this question over the reflector. It is already too way cluttered up with traffic.

Just let this question die!

30293. Flashing Amber Battery Light

Yahoo group: FT897 (2010)
Date: 2010-06-06 03:39:53 UTC
From: Bob
Topic: 30293 Message: 30293

I just turned my FT897d on and the Batt A light starting flashing amber. According to the manual, this indicates a low battery condition. I could understand this if I had batteries in the unit but it does not have any installed. The unit is being ran off of a 70 amp astron power supply. I can switch the battery selection switch between A or B and it flashes amber in both positions. I did a master reset on the unit and they are still flashing. Has anyone else ran into this problem and if so what is the fix. The radio only has a few hours use on it and I sure would hate to have to send it back to Yaesu. Any help would be appreciated.

73 Bobby

30294. use correct meter-(Peak Reading R.F. Power)

Yahoo group: FT897 (2010)
Date: 2010-06-06 12:55:20 UTC
From: kc3vo@aol.com
Topic: 30294 Message: 30294

I stand by my original statement! A GOOD peak-reading meter must be used to accurately read SSB voice R.F. power peaks. This means that all aspects of the meter used must be reasonably accurate and in GOOD condition, for the frequency and power being measured.-Cables, connectors, meter, meter battery/power source, and dummy load, must all be good and properly operating. The MFJ 949E is a tuner with a type of peak reading metering circuit, requiring a 12 volt source to operate in peak read mode. Was this meter properly used, with a good 12 volts applied, in "Peak MODE"? Was the frequency below 30 Mhz, into a good 50 ohm dummy load, with the tuner in BYPASS? This Tuner/Meter is not good for 6 meters or 2 /70cm signals. Accuracy is not likely to be as good as a Bird 43P, due to the less precise peak circuit used, but if properly connected/operating, it should still give close to 100 watts with 50-60% mike gain on an FT-897. If all is in order, but results are still not good, try using another Peak-Reading R.F. power meter--Borrow a Bird 43P from someone, if possible. (The Bird 43P uses internal batteries to power the peak circuit)--73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

30295. Gamber Johnson mounts + FT-897?

Yahoo group: FT897 (2010)
Date: 2010-06-06 13:41:41 UTC
From: nf6e_2
Topic: 30295 Message: 30295

Has anyone tried mounting an FT-897 using the Yaseu mobile mount attached to a Gamber Johnson universal portable base?

Gamber Johnson product number 7160-0033...

http://concept.gamberjohnson.com/catalog/item/7160-0033

Looks like it would work fine. Curious if anyone has tried it.

Thanks,
Jason - NF6E

30296. Re: Power Out(Use the correct Meter!)

Yahoo group: FT897 (2010)
Date: 2010-06-06 15:57:33 UTC
From: Clark
Topic: 30280 Message: 30296

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:

>
> Having found the circuit of the 949E on the MFJ website, it uses a single transistor sample and hold circuit, but I cannot comment on its effectivemess.
>

Well, I'll be darned. That's not what they did on their older versions I'm more familiar with. It looks like simple amplification there to charge the peak reading cap, though. Catching RMS peaks might involve more :-)

Clark
WA3JPG

30297. Re: use correct meter-(Peak Reading R.F. Power)

Yahoo group: FT897 (2010)
Date: 2010-06-06 17:29:35 UTC
From: g8hul
Topic: 30294 Message: 30297

> I stand by my original statement! A GOOD peak-reading meter must be used
> to accurately read SSB voice R.F. power peaks. This means that all aspects
> of the meter used must be reasonably accurate and in GOOD condition, for
> the frequency and power being measured.-Cables, connectors, meter, meter
> battery/power source, and dummy load, must all be good and properly operating.
circuit used,

And how do you know that this was not the case with the OP????

The message would indicate that the peak reading function was operating correctly, in that it captured the initial 100W peak. It was the subsequent lower reasings that were causing concern.

> it should still give close to 100
> watts with 50-60% mike gain on an FT-897. If all is in order,

Well that is certainly not the case with my 897, that low a mic gain only gives about 50 PEP, unless you shout at the mic; as measured on by Bird 4381, or by direct waveform comparison on a scope with a 100W cw signal.

73
Jeff

30298. Dead FT897d

Yahoo group: FT897 (2010)
Date: 2010-06-06 18:00:06 UTC
From: Bob
Topic: 30298 Message: 30298

Last night I posted a problem with my Battery light flashing amber. I thought this was very strange since there were no batteries installed in the radio. Well a few minutes later the entire radio died! I have bought 7 Yaesu radios within the last 14 months and 3 of them have died within 1 day to 70 days. I ran Icom radios for 20 years and never had to send a single radio back for repair. All of my power supplies and antenna systems are operating 100%. Has anyone else had any problems with Yaesu quality control issues. It just seems strange to have that many radios die within a short period of time. Just wanted to vent some frustration. I have to contact the customer service section to get an RA to send this thing back.

73's Bobby
N4ZEN

30299. RE: [FT897] HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-06 18:53:49 UTC
From: Michael Hughey
Topic: 30286 Message: 30299

There is a maintenance boot-up. You need to download the PDF file from this site. I've forgotten what it's file name is, but I'm sure it can be Googled. It involves turning the radio off then, while pressing the A,B, C buttons, turn the radio back on. You need this maintenance mode PDF for specific instructions snd test equipment. CAUTION! Don't go fiddling with it without the PDF file and proper test equipment.

Mike KF4DUS
---.. ...---

-----Original Message-----
From: Spike <spike.dennis@...>
Sent: Saturday, June 05, 2010 13:58
To: FT897@yahoogroups.com
Subject: [FT897] HF SSB squelch range adjustment?

I have done exhaustive searches of the 897 manuals, the Internet, & this group's archives, & I can find no reference to adjusting the squelch range in this radio for any other mode than FM. I seldom use FM, but I often use the squelch(on my other radios). There is not enough squelch range on the 897 to be useful even on a quite 10 meter day.

There must be a way to adjust the range of the squelch when used on HF in modes other than FM. Does anybody out there know how it's done?
I guess I'm spoiled, all my other HF radios use a syllabic "smart" type squelch.

spike dot dennis at yahoo dot com

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Reply to sender | Reply to group |

[The entire original message is not included]

[Non-text portions of this message have been removed]

30300. Re: [FT897] Flashing Amber Battery Light

Yahoo group: FT897 (2010)
Date: 2010-06-06 20:36:03 UTC
From: Dennis
Topic: 30293 Message: 30300

Check ALL power connections and be sure there is not a frayed wire or a bad connection somehow. Since most power wires are stranded wire, it could be the radio is "starving" for power somehow from a frayed wire or a possible mis-connection somewhere.

On 06/05/2010 22:39, Bob wrote:
>
> I just turned my FT897d on and the Batt A light starting flashing
> amber. According to the manual, this indicates a low battery
> condition. I could understand this if I had batteries in the unit but
> it does not have any installed. The unit is being ran off of a 70 amp
> astron power supply. I can switch the battery selection switch between
> A or B and it flashes amber in both positions. I did a master reset on
> the unit and they are still flashing. Has anyone else ran into this
> problem and if so what is the fix. The radio only has a few hours use
> on it and I sure would hate to have to send it back to Yaesu. Any help
> would be appreciated.
>
> 73 Bobby
>
>

[Non-text portions of this message have been removed]

30301. Re: [FT897] Re: HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-06 20:41:18 UTC
From: Dennis
Topic: 30286 Message: 30301

One final note. Go to DG2IAQ's website (do a google search - I think it is www.dg2iaq.com, but am not sure) and look through all of his postings. There is also reference to using the service menu there. You may need to get into the service menu and do some adjusting there, since it sounds to me like the radio may not have been aligned properly from the factory. This is a "normal" thing sort of, since I have seen several instances where some radio's were not properly aligned before they were sent to retailers.

I am sure you will find what you need there - Good luck!

Dennis - N8BMB

On 06/05/2010 16:49, Spike wrote:
>
>
> > Dennis,
> >
> > Go into the MENU Settings and go to # 080. There you can enable or
> disable
> > the squelch on the "SQL/RF" Knob on the front panel.
> >
> > Hope this helps,
> >
> > 73es,
> > Dick, W3GNQ
> >
> ------------------------------
> Now why would I want to disable or enable the squelch? Did you read
> the original question? Or even a part of the original question?
>
> I want to ADJUST THE RANGE of the squelch so that I CAN USED IT. Never
> mind,PLEASE, nobody else respond to this question over the reflector.
> It is already too way cluttered up with traffic.
>
> Just let this question die!
>
>

[Non-text portions of this message have been removed]

30302. Re: Dead FT897d

Yahoo group: FT897 (2010)
Date: 2010-06-06 23:27:46 UTC
From: Steve Yates
Topic: 30298 Message: 30302

Bobby,

I'm sorry to hear about your failed radio. Mine has been okay for over 2 years of heavy use.

I'm curious, have you ever had an electro-static discharge (ESD) from your hand to the radio when you reached for it? It happens a lot in the winter. I've experienced this where it can damage equipment in such a away that it doesn't fail immediately but will later. Sometimes a higher then average failure rate can be contributed to ESD effects. I always discharge myself to a grounded lamp before reaching for the radio on winter days. Even then I've had my radio go nuts just from the EMP! A slow discharge is best.

Just a thought. It could just be poor quality control.

73,
Steve - AA5TB

30303. Re: [FT897] Re: Dead FT897d

Yahoo group: FT897 (2010)
Date: 2010-06-06 23:41:03 UTC
From: bobby
Topic: 30298 Message: 30303

Hi Steve,

To my knowledge there was no static discharge involved. When I first turned the radio on it worked normal. Then after a few minutes the chain of events took place. This is my second 897 and the first one took a lightning strike several years ago. It just seems strange that a VX150, a FT450 and now a ft897d all on differant antennas all go belly up in that short a period of time. Just have to send it back and let Yaesu deal with it.
----- Original Message -----
From: Steve Yates
To: FT897@yahoogroups.com
Sent: Sunday, June 06, 2010 7:27 PM
Subject: [FT897] Re: Dead FT897d

Bobby,

I'm sorry to hear about your failed radio. Mine has been okay for over 2 years of heavy use.

I'm curious, have you ever had an electro-static discharge (ESD) from your hand to the radio when you reached for it? It happens a lot in the winter. I've experienced this where it can damage equipment in such a away that it doesn't fail immediately but will later. Sometimes a higher then average failure rate can be contributed to ESD effects. I always discharge myself to a grounded lamp before reaching for the radio on winter days. Even then I've had my radio go nuts just from the EMP! A slow discharge is best.

Just a thought. It could just be poor quality control.

73,
Steve - AA5TB

[Non-text portions of this message have been removed]

30304. Re: [FT897] use correct meter-(Peak Reading R.F. Power)

Yahoo group: FT897 (2010)
Date: 2010-06-07 00:27:13 UTC
From: gary davis
Topic: 30294 Message: 30304

I'll recheck my set-up. I "assumed" the 12vdc was for the lamp. I've checked the cables, connectors, and dummy load, all good. I am being heard on HF (80~20 mtrs), so I'm not going to worry to much about it.
Thanks for the responses.
Gary KE7MQF

Zimbabwe Attorney General Johannes Tomana, "All the land in the country belongs to the government, and as such no individual has the right to disobey a government directive to vacate such."
In the USofA, we call this Eminent Domain.

--- On Sun, 6/6/10, kc3vo@aol.com <kc3vo@...> wrote:

From: kc3vo@... <kc3vo@...>
Subject: [FT897] use correct meter-(Peak Reading R.F. Power)
To: FT897@yahoogroups.com
Date: Sunday, June 6, 2010, 8:55 AM

I stand by my original statement! A GOOD peak-reading meter must be used to accurately read SSB voice R.F. power peaks. This means that all aspects of the meter used must be reasonably accurate and in GOOD condition, for the frequency and power being measured.-Cables, connectors, meter, meter battery/power source, and dummy load, must all be good and properly operating. The MFJ 949E is a tuner with a type of peak reading metering circuit, requiring a 12 volt source to operate in peak read mode. Was this meter properly used, with a good 12 volts applied, in "Peak MODE"? Was the frequency below 30 Mhz, into a good 50 ohm dummy load, with the tuner in BYPASS? This Tuner/Meter is not good for 6 meters or 2 /70cm signals. Accuracy is not likely to be as good as a Bird 43P, due to the less precise peak circuit used, but if properly connected/operating, it should still give close to 100 watts with 50-60% mike gain on an FT-897. If all is in order, but results are still not good, try using another Peak-Reading R.F. power meter--Borrow a Bird 43P from someone, if possible. (The Bird 43P uses internal batteries to power the peak circuit)--73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30305. Re: Dead FT897d

Yahoo group: FT897 (2010)
Date: 2010-06-07 00:56:21 UTC
From: Hank
Topic: 30298 Message: 30305

I have had my 897D for about 18 months and have had no problems. I also have a VX-170 about 2 years old and again have had no problems with it. However, I have an FT-8800R that died about 2 years after purchasing it new. I went to fire it up one morning and nothing. I have verified that the power source is good, fuses are good, and the cable for the separation kit is good. I'm getting ready to send it back to Yaesu this week to have it repaired.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Bob" <n4zen@...> wrote:
>
> Last night I posted a problem with my Battery light flashing amber. I thought this was very strange since there were no batteries installed in the radio. Well a few minutes later the entire radio died! I have bought 7 Yaesu radios within the last 14 months and 3 of them have died within 1 day to 70 days. I ran Icom radios for 20 years and never had to send a single radio back for repair. All of my power supplies and antenna systems are operating 100%. Has anyone else had any problems with Yaesu quality control issues. It just seems strange to have that many radios die within a short period of time. Just wanted to vent some frustration. I have to contact the customer service section to get an RA to send this thing back.
>
> 73's Bobby
> N4ZEN
>

30306. Re:

Yahoo group: FT897 (2010)
Date: 2010-06-06 06:36:53 UTC
From: PHIL SHORLAND
Topic: 30306 Message: 30306

Perhaps because if you enable the RF/SQL button on the front panel you can adjust the threshold of the squelch !!!!!!!!
By the way Dick thanks for trying to answer this persons question.
Phil

[Non-text portions of this message have been removed]

30307. Re: HF SSB squelch range adjustment?

Yahoo group: FT897 (2010)
Date: 2010-06-07 15:26:35 UTC
From: David Okrent
Topic: 30286 Message: 30307

I'm confused. The 897D runs squelch for FM and RF gain for HF on the same knob; therefore if you set the unit to squelch on HF you have no RF gain adjustment. In my opinion not a good solution as RF gain and AF gain adjustments are needed on HF to deal with noise verses voice issues, as well as reducing gain for nearby or high power stations. So how can you get squelch and have RF gain available on HF too? My old Kenwood 440 had a separate squelch and RF gain so I could use both at the same time.

30308. TX Watch at FT-897

Yahoo group: FT897 (2010)
Date: 2010-06-07 20:10:43 UTC
From: dj1tu
Topic: 30308 Message: 30308

Hello,

30309. TX Watch

Yahoo group: FT897 (2010)
Date: 2010-06-07 20:14:24 UTC
From: dj1tu
Topic: 30309 Message: 30309

Hello,

is there a possibility to have an TXW button, like the FT-2000, FT-950 or some Kenwood TRX. It will listen on the split transmitting frequency to find the correct split.

73 de DJ1TU

30310. Re: TX Watch at FT-897

Yahoo group: FT897 (2010)
Date: 2010-06-07 20:18:54 UTC
From: dj1tu
Topic: 30308 Message: 30310

Hello,

is the are TX watch button. like the FT-950, FT-2000 or some Kenwood TRX have. It will listen on the split transmitting frequency for working DXeditions.

73 de DJ1TU

--- In FT897@yahoogroups.com, "dj1tu" <dj1tu@...> wrote:
>
> Hello,
>

30311. Re: [FT897] Re: TX Watch at FT-897

Yahoo group: FT897 (2010)
Date: 2010-06-07 21:41:55 UTC
From: Dennis
Topic: 30308 Message: 30311

No, this rig is not that advanced, and frankly, the package is too small for the circuitry needed, which is part of the reason those rigs are a little larger in size compared to the 897. Would be a nice feature to have. There IS and bandscope that may help with what you seek.

Dennis - N8BMB

On 06/07/2010 15:18, dj1tu wrote:
>
> Hello,
>
> is the are TX watch button. like the FT-950, FT-2000 or some Kenwood
> TRX have. It will listen on the split transmitting frequency for
> working DXeditions.
>
> 73 de DJ1TU
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "dj1tu"
> <dj1tu@...> wrote:
> >
> > Hello,
> > >
> >
> >

[Non-text portions of this message have been removed]

30312. FS FT897

Yahoo group: FT897 (2010)
Date: 2010-06-08 16:04:11 UTC
From: David F. Reed
Topic: 2198 Message: 30312

I am selling my FT-897, with attached LDG 897 tuner, internal batteries and charger, and LDG external S-Meter.
Has MARS mod done (transmit outside of ham bands). FP-30 optional internal power supply (fits in battery space; cannot do both at once) as well.

I am hoping to get $800 for all, Shipping included, but I am negotiable.

If interested, please contact me directly at w5sv.dave@...

TNX & 73 de Dave, W5SV

[Non-text portions of this message have been removed]

30313. Re: FS FT897

Yahoo group: FT897 (2010)
Date: 2010-06-08 20:47:19 UTC
From: David F. Reed
Topic: 2198 Message: 30313

Thanks all for your interest; it has been sold.

73 de Dave, W5SV

On 6/8/10 11:04 AM, David F. Reed wrote:
> I am selling my FT-897, with attached LDG 897 tuner, internal
> batteries and charger, and LDG external S-Meter.
> Has MARS mod done (transmit outside of ham bands). FP-30 optional
> internal power supply (fits in battery space; cannot do both at once)
> as well.
>
> I am hoping to get $800 for all, Shipping included, but I am negotiable.
>
> If interested, please contact me directly at w5sv.dave@...
>
> TNX & 73 de Dave, W5SV

[Non-text portions of this message have been removed]

30314. Headset for 857/897 for sale

Yahoo group: FT897 (2010)
Date: 2010-06-10 10:43:45 UTC
From: m0xdx
Topic: 30314 Message: 30314

I have another headset for sale :

http://cgi.ebay.co.uk/New-Headset-Microphone-Yaesu-897-857-817-450-900-/280517584771?cmd=ViewItem&pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item415026a783

Please note this is a UK only auction.

Regards,
Paul M0XDX

30315. CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-10 15:06:10 UTC
From: ice_berg_
Topic: 30315 Message: 30315

In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC? I know there are several options as I have ben looking at this radio for about 2 months. Now that I have my General class and have the radio on it's way (I hate UPS doesn't deliver on sat in my area) I am looking at getting set up to do computer controlled and packet.

KB9YEN

30316. minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 16:08:52 UTC
From: dk3qn
Topic: 30316 Message: 30316

Hello group,

I've searched for this info right here but "no luck".

My question:

What is the minimum DC supply voltage an FT-897D requires before
it drops out or goes "wild"?

As per the manual it should be all right as long as the supply voltage doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).

Anyone with a practical experience when using 12 V GEL batteries?

73, Klaus, DK3QN

30317. Re: [FT897] minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 18:51:54 UTC
From: Dennis
Topic: 30316 Message: 30317

It has been noted that once voltage reaches about 9v the radio starts
getting "stupid". It should be noted too that damage to the rig could
occur if voltage gets too low.

Hope this helps.

Dennis - N8BMB

On 06/10/2010 11:08, dk3qn wrote:
>
> Hello group,
>
> I've searched for this info right here but "no luck".
>
> My question:
>
> What is the minimum DC supply voltage an FT-897D requires before
> it drops out or goes "wild"?
>
> As per the manual it should be all right as long as the supply voltage
> doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).
>
> Anyone with a practical experience when using 12 V GEL batteries?
>
> 73, Klaus, DK3QN
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30318. minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 18:57:15 UTC
From: John Faughn
Topic: 30316 Message: 30318

On the practical use of Gel-cells , yes do not waster your money on a Gel-cell , unless you are doing acrobatics in an airplane .
That is what they are meant for , less performance than , a true "deep cycle" , at a higher cost .
Also generally do not run your radio on a battery alone , the idea being that like almost anything , stay away from the extremes 11.7vdc , do not remember the high end [maybe about 16v] .
Just because someone said they made something work , does not mean that is good practice .
Running almost any equipment on the extremes means shorter life .
Having something that maintains as close as possible to 13.8v , like solar panel , power supply , or battery-booster - fallows ohms law by maintaining voltage by pulling down amps .
Even though lots of equipment has low voltage shut-down , does mean you will get as long a life out of the equipment .
John
kd0cac

[Non-text portions of this message have been removed]

30319. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 19:10:05 UTC
From: ice_berg_
Topic: 30316 Message: 30319

--- In FT897@yahoogroups.com, John Faughn <john.faughn@...> wrote:
>
> On the practical use of Gel-cells , yes do not waster your money on a
> Gel-cell , unless you are doing acrobatics in an airplane .
> That is what they are meant for , less performance than , a true "deep
> cycle" , at a higher cost .
> Also generally do not run your radio on a battery alone , the idea being
> that like almost anything , stay away from the extremes 11.7vdc , do not
> remember the high end [maybe about 16v] .
> Just because someone said they made something work , does not mean that is
> good practice .
> Running almost any equipment on the extremes means shorter life .
> Having something that maintains as close as possible to 13.8v , like solar
> panel , power supply , or battery-booster - fallows ohms law by maintaining
> voltage by pulling down amps .
> Even though lots of equipment has low voltage shut-down , does mean you will
> get as long a life out of the equipment .
> John
> kd0cac

On this topic does anyone have anything to say about a setup of Battery+ photovoltaic cell that has worked well in the field? I'm in the US and most of the sites I have seen selling good panels seem to be in the UK or in Germany. I did se a few that looked good, something around 17V max at 2.66A. Of course that all depends on the efficiency of the cells and the amount of sun as always, I was just wondering if anyone could provide some insight from personal experience.

KB9YEN

30320. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 19:38:52 UTC
From: dk3qn
Topic: 30316 Message: 30320

Hi John and Dennis, and thanks very much for your fast answers.

Reason for asking this question was as follows:

I'd been putting a review post at eham.net on the FT-897 many years ago (see there, you'll need to go way back in history there, hi).

Based on this review I was addressed by a ham fellow from a near-by club asking me about my opinion on the 897 for /p usage, a rig which I actually sold abt. 2 years ago.

So I have no way of doing any kind of "analysis" of the radio re. supply voltage behaviour any more.

He'd been running an FT-817 so far with an external 100 watt brick amp, but unfortunately "fried" his rig on his last trip. Thus, he is in a search for a replacement, which could possibly also substitute his 100w brick amp alltogether.

In order to make sure that I'll give him a fair statement, I was curious whether a 12V DC acid or GEL battery would be good enough to feed this TRX for a couple of hours of /P usage or if it needs a battery booster in order to get the voltage up to 13V + mark.

I know from experience with some other radios that an acid or GEL battery looses voltage significantly during useage (below 12V) and that quite a number of radios just don't work any more at voltages of - say - 11.5V or so.

Thus my post was primarily targeting of getting to know at which voltage level the FT-897D is "quitting" it's service.

The second intent was to get feedback on GEL etc. batteries behavior.

Thanks again for your valuable feedback.

Klaus, DK3QN

--- In FT897@yahoogroups.com, John Faughn <john.faughn@...> wrote:
>
> On the practical use of Gel-cells , yes do not waster your money on a
> Gel-cell , unless you are doing acrobatics in an airplane .
> That is what they are meant for , less performance than , a true "deep
> cycle" , at a higher cost .
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> panel , power supply , or battery-booster - fallows ohms law by maintaining

> voltage by pulling down amps .
> Even though lots of equipment has low voltage shut-down , does mean you will
> get as long a life out of the equipment .
> John
> kd0cac
>
>
> [Non-text portions of this message have been removed]
>

30321. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 19:41:32 UTC
From: John Faughn
Topic: 30316 Message: 30321

Leaning about solar , and batteries is a subject all by its self .
More that anything , its just about the math / ohms law .
especially if you want to do correctly & save money buy putting together a system yourself .
Other wise it cost money to have someone else put it together .
There are many sources of alternative energy stuff in the US , but I can understand that , because there is so much propaganda here telling us it doesn't work , and availability is by internet only , unless you are willing to pay too much .
As an example here , MN. , Menard's and Northern Tool & others are doing the rip off thing changing 3-4 times what a panel costs , and reboxing to a made up brand .
Last time I checked [couple months ago] Menards a big box hardware store , wanted about $11 per watt , and on the internet , using the actual manufactures brand , on a resellers site , the same panel was avalable for around $2.50 per watt .
If the system is built well & not using chinezz crap , you get better power that your utility / grid .
To learn about all , get a subscription to Home Power magazine .

[Non-text portions of this message have been removed]

30322. RE: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 19:42:45 UTC
From: Ted Wrobel
Topic: 30316 Message: 30322

Search for marine solar panels - you'll find lots of products and info.

I use a small (10 Watt?) panel to keep my batteries topped up. Two 100 AH+ batteries, keeps them up around 12.7 volts.

Over the winter the batteries stayed charged - even with the weak winter sun.

No too hard to roughly calc what your energy budget will be & you can size panels accordingly.

Note that most photoelectric research seems to be in Europe, particularly Switzerland & Germany - not much interest in the US, we can just burn some more oil.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ice_berg_
Sent: Thursday, June 10, 2010 15:10
To: FT897@yahoogroups.com
Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , John Faughn <john.faughn@...> wrote:
>
> On the practical use of Gel-cells , yes do not waster your money on a
> Gel-cell , unless you are doing acrobatics in an airplane .
> That is what they are meant for , less performance than , a true "deep
> cycle" , at a higher cost .
> Also generally do not run your radio on a battery alone , the idea being
> that like almost anything , stay away from the extremes 11.7vdc , do not
> remember the high end [maybe about 16v] .
> Just because someone said they made something work , does not mean that is
> good practice .
> Running almost any equipment on the extremes means shorter life .
> Having something that maintains as close as possible to 13.8v , like solar
> panel , power supply , or battery-booster - fallows ohms law by maintaining
> voltage by pulling down amps .
> Even though lots of equipment has low voltage shut-down , does mean you will
> get as long a life out of the equipment .

> John
> kd0cac

On this topic does anyone have anything to say about a setup of Battery+ photovoltaic cell that has worked well in the field? I'm in the US and most of the sites I have seen selling good panels seem to be in the UK or in Germany. I did se a few that looked good, something around 17V max at 2.66A. Of course that all depends on the efficiency of the cells and the amount of sun as always, I was just wondering if anyone could provide some insight from personal experience.

KB9YEN

[Non-text portions of this message have been removed]

30323. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 19:58:04 UTC
From: johnfaughn
Topic: 30316 Message: 30323

Again stay away from high / over priced anything , as soon as you look at marine , you pay at least 3x .
I do know that is gross production of energy in Europe , but would beg to differ on research etc. , 2 US companies are making $1.00 per watt panels with a new process , but they only sell to commercial power plants , they said that they were going to make avalable to retail at the end of last yr. didn't happen .
About 8 yrs. ago , the US was shipping over 75% of all solar cells made here [by both US & foreign companies] .
Again its a big subject and require personal study to do well , if no other reason , because there are some many that do what there told , and lots of misinformation .
Something as simple as batteries is a good point , Hams seem to take pride in emergency communications , but generally are vary ill informed about batteries / types / maintenance and uses .
I would give lots of links , but ever since Firefox did an update sometime back , I can not click & drag or copy & paste links .

--- In FT897@yahoogroups.com, "Ted Wrobel" <twrobel@...> wrote:
>
> Search for marine solar panels - you'll find lots of products and info.
>
> I use a small (10 Watt?) panel to keep my batteries topped up. Two 100 AH+
> batteries, keeps them up around 12.7 volts.
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> Over the winter the batteries stayed charged - even with the weak winter
> sun.
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> No too hard to roughly calc what your energy budget will be & you can size
> panels accordingly.
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> Note that most photoelectric research seems to be in Europe, particularly
> Switzerland & Germany - not much interest in the US, we can just burn some
> more oil.
>
> 73
> Ted
> W1GRI
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ice_berg_
> Sent: Thursday, June 10, 2010 15:10
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
>

>
>
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , John Faughn
> <john.faughn@> wrote:
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> from personal experience.
>
> KB9YEN
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>
>
>
> [Non-text portions of this message have been removed]
>

30324. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 20:21:28 UTC
From: dk3qn
Topic: 30316 Message: 30324

re: alternative electricity power sources

Hi all,

I was not aware of that I was initiating such a response on alternative power sources (gr).

What I may contribute from a German perspective:

Over here in DL-land (Germany) there are 3 alternative power sources on their way:

#1: wind energy (high investment), but real. You'll find a lot of theses wind-driven tubines on high towers across Germany.

#2: tide-water generators (North-Sea), under planning, high investment

#3: solar energy, very real, a lot of private "solar farms" run by private persons (e.g. farmers with ample land to install such "farms")

Investment being subsidized by the government, fed-in power being paid by the Power-Companies; which they maybe dislike?

Recent discussions here go to cutting-back the subsidizing by 1/3rd or so.

Anyway, over here in DL-land you can find a lot of private houses with solar panels on their roofs covering all or almost all of their south-bound roofs.

BTW:

more and more of the solar panel production comes out of the PRC (i.e. "China").

Something to think about, *again*!

Take care,

Klaus, DK3QN

www.dk3qn.com

--- In FT897@yahoogroups.com, "johnfaughn" <john.faughn@...> wrote:
>
> Again stay away from high / over priced anything , as soon as you look at marine , you pay at least 3x .
> I do know that is gross production of energy in Europe , but would beg to differ on research etc. , 2 US companies are making $1.00 per watt panels with a new process , but they only sell to commercial power plants , they said that they were going to make avalable to retail at the end of last yr. didn't happen .
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> > I use a small (10 Watt?) panel to keep my batteries topped up. Two 100 AH+
> > batteries, keeps them up around 12.7 volts.
> >
> > Over the winter the batteries stayed charged - even with the weak winter
> > sun.
> >
> > No too hard to roughly calc what your energy budget will be & you can size
> > panels accordingly.
> >
> > Note that most photoelectric research seems to be in Europe, particularly
> > Switzerland & Germany - not much interest in the US, we can just burn some
> > more oil.
> >
> > 73
> > Ted
> > W1GRI
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> > _____
> >
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > ice_berg_
> > Sent: Thursday, June 10, 2010 15:10
> > To: FT897@yahoogroups.com
> > Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
> >
> >
> >
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> >
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> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , John Faughn
> > <john.faughn@> wrote:
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> >
> > KB9YEN
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> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

30325. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 20:46:46 UTC
From: johnfaughn
Topic: 30316 Message: 30325

I have been into alt. energy for about 35 yrs. and its a pet peeve of mine , because of the bs we get from our so-called leaders that is doesn't work or its too expensive , and you can not find it locally [in most US cities] without paying 3-4 times MSRP .
As far a DL-land , I saw a program on Public-TV a while back and most of it focused on Germany , and how well it was doing there .
I remember it said that in DL-land they were producing almost 30% of electrical power with alternatives .
America is leading the world still , but leading us all into the toilet .
When our leaders want to go to war , then they need to be out front leading , then maybe , we will follow .
The toilet is not a good place to follow anyone to .
This may not be ham related , but everything is related to politics , one way or another .

--- In FT897@yahoogroups.com, "dk3qn" <dk3qn@...> wrote:
>
> re: alternative electricity power sources
>
> Hi all,
>
> I was not aware of that I was initiating such a response on alternative power sources (gr).
>
> What I may contribute from a German perspective:
>
> Over here in DL-land (Germany) there are 3 alternative power sources on their way:
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> #1: wind energy (high investment), but real. You'll find a lot of theses wind-driven tubines on high towers across Germany.
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> #2: tide-water generators (North-Sea), under planning, high investment
>
> #3: solar energy, very real, a lot of private "solar farms" run by private persons (e.g. farmers with ample land to install such "farms")
>
> Investment being subsidized by the government, fed-in power being paid by the Power-Companies; which they maybe dislike?
>
> Recent discussions here go to cutting-back the subsidizing by 1/3rd or so.
>
> Anyway, over here in DL-land you can find a lot of private houses with solar panels on their roofs covering all or almost all of their south-bound roofs.
>
> BTW:
>
> more and more of the solar panel production comes out of the PRC (i.e. "China").

>
> Something to think about, *again*!
>
> Take care,
>
> Klaus, DK3QN
>
> www.dk3qn.com
>
>
> --- In FT897@yahoogroups.com, "johnfaughn" <john.faughn@> wrote:
> >
> > Again stay away from high / over priced anything , as soon as you look at marine , you pay at least 3x .
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> > About 8 yrs. ago , the US was shipping over 75% of all solar cells made here [by both US & foreign companies] .
> > Again its a big subject and require personal study to do well , if no other reason , because there are some many that do what there told , and lots of misinformation .
> > Something as simple as batteries is a good point , Hams seem to take pride in emergency communications , but generally are vary ill informed about batteries / types / maintenance and uses .
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> > > Search for marine solar panels - you'll find lots of products and info.
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> > > batteries, keeps them up around 12.7 volts.
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> > > Over the winter the batteries stayed charged - even with the weak winter
> > > sun.
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> > > No too hard to roughly calc what your energy budget will be & you can size
> > > panels accordingly.
> > >
> > > Note that most photoelectric research seems to be in Europe, particularly
> > > Switzerland & Germany - not much interest in the US, we can just burn some
> > > more oil.
> > >
> > > 73
> > > Ted
> > > W1GRI
> > >
> > > _____

> > >
> > > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > > ice_berg_
> > > Sent: Thursday, June 10, 2010 15:10
> > > To: FT897@yahoogroups.com
> > > Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
> > >
> > >
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> > > <john.faughn@> wrote:
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> > > > Gel-cell , unless you are doing acrobatics in an airplane .
> > > > That is what they are meant for , less performance than , a true "deep
> > > > cycle" , at a higher cost .
> > > > Also generally do not run your radio on a battery alone , the idea being
> > > > that like almost anything , stay away from the extremes 11.7vdc , do not
> > > > remember the high end [maybe about 16v] .
> > > > Just because someone said they made something work , does not mean that is
> > > > good practice .
> > > > Running almost any equipment on the extremes means shorter life .
> > > > Having something that maintains as close as possible to 13.8v , like solar
> > > > panel , power supply , or battery-booster - fallows ohms law by
> > > maintaining
> > > > voltage by pulling down amps .
> > > > Even though lots of equipment has low voltage shut-down , does mean you
> > > will
> > > > get as long a life out of the equipment .
> > > > John
> > > > kd0cac
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> > > On this topic does anyone have anything to say about a setup of Battery+
> > > photovoltaic cell that has worked well in the field? I'm in the US and most
> > > of the sites I have seen selling good panels seem to be in the UK or in
> > > Germany. I did se a few that looked good, something around 17V max at 2.66A.
> > > Of course that all depends on the efficiency of the cells and the amount of
> > > sun as always, I was just wondering if anyone could provide some insight
> > > from personal experience.
> > >
> > > KB9YEN
> > >
> > >
> > >
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> > > [Non-text portions of this message have been removed]
> > >
> >
>

30326. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 20:49:08 UTC
From: Steve Yates
Topic: 30316 Message: 30326

In my experience, the battery will have problems at 10.5 V before the rig does. Don't let the battery go below 10.5 V while transmitting and all should be well.

The FT-897D is made to be a field portable rig. I use mine all the time with a 12V/7Ah gel cell battery with no problems. It is not good for the battery to let it drop below 10.5 V though the rig still works fine at that level. Keep the RF power output low. More power requires a higher Amp/hour rating which usually equate to lower internal resistance. Typically I'll use 5 to 20 Watts when using the battery and when I start seeing the voltage drop to 10.5 V on transmit I'll stop using the rig to protect the battery. The rig's still chugs along like it's running on 13.8 V.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "dk3qn" <dk3qn@...> wrote:
>
> Hello group,
>
> I've searched for this info right here but "no luck".
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> My question:
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> What is the minimum DC supply voltage an FT-897D requires before
> it drops out or goes "wild"?
>
> As per the manual it should be all right as long as the supply voltage doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).
>
> Anyone with a practical experience when using 12 V GEL batteries?
>
> 73, Klaus, DK3QN
>

30327. Re: [FT897] minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 20:53:56 UTC
From: Florentin Nastase
Topic: 30316 Message: 30327

... THE MANUAL SAY ... +/- 15% ... MINIMUM 11.8v FOR LINEAR OPERATON ...
AND IT'S RIGHT ...
73's
Florentin YO9BXC.

--- On Thu, 6/10/10, dk3qn <dk3qn@...> wrote:

From: dk3qn <dk3qn@...>
Subject: [FT897] minimum DC supply voltage for a FT-897D?
To: FT897@yahoogroups.com
Date: Thursday, June 10, 2010, 9:08 AM

Hello group,

I've searched for this info right here but "no luck".

My question:

What is the minimum DC supply voltage an FT-897D requires before

it drops out or goes "wild"?

As per the manual it should be all right as long as the supply voltage doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).

Anyone with a practical experience when using 12 V GEL batteries?

73, Klaus, DK3QN

[Non-text portions of this message have been removed]

30328. Using an FC-30 on an FT-840

Yahoo group: FT897 (2010)
Date: 2010-06-10 21:02:00 UTC
From: Joe
Topic: 30328 Message: 30328

I posted this over in the FT-840 group and got no response, so I will try it here..

We have a brand new FC-30 auto-tuner that was given to us, and we have an FT-840 that was given to us. We have installed same at an older gentleman's house, in which the he has a General ticket and is confined to a wheelchair. We put up a donated Butternut HF6V antenna, which generally runs about 1.5 - 1.7 SWR. Yeasu feels there is no reason the FC-30 won't work on the FT-840 but we can't seem to get it to work.

Does anyone here have any suggestions on getting the two units to communicate? The connections are the same...an 8 pin mini din.....We would sure like to get this to work correctly for the ham. (KA7TFH).

Thanks in advance!

Joe Wolfe
WA6RKN
Reno, Nevada

30329. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 03:20:24 UTC
From: n0bnd Yahoo
Topic: 30316 Message: 30329

I use the 45 watt system available at harbor freight tools. On sale it runs $169. It works out to about $4 a watt and comes with charge controller, 3 15 watt panels and 2 CF bulbs. The charge controller has outputs for 3, 6, 9, and 12 volts and s volt meter. Also has a cigarette lighter socket. I run the 897 from a deep cycle battery hooked to the charge controller. It's cost effective and it works.

As far as minimum voltage, usually less voltage equals more current and more strain on solid state devices. I wouldn't go below 12.5 or above 14.5 volts.

Joel Mueller

30330. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 09:09:57 UTC
From: josedouglas@yahoo.com
Topic: 30316 Message: 30330

What happened to the FT897 group?
All I'm getting is green crap and politics!!!???
Enough already, I don't need this rubbish propaganda!

73s
Jose D
KB1TCD

From: johnfaughn <john.faughn@gmail.com>
To: FT897@yahoogroups.com
Sent: Thu, June 10, 2010 4:46:46 PM
Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?

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> > > Sent: Thursday, June 10, 2010 15:10
> > > To: FT897@yahoogroups.com
> > > Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
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> > >
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> > > [Non-text portions of this message have been removed]
> > >
> >
>

[Non-text portions of this message have been removed]

30331. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 11:01:10 UTC
From: John Silberman
Topic: 30316 Message: 30331

Joe,

How about a SKW or product number so we can look it up? Tnx!

John KB4CRT

n0bnd Yahoo wrote:
>
>
> I use the 45 watt system available at harbor freight tools. On sale it
> runs $169. It works out to about $4 a watt and comes with charge
> controller, 3 15 watt panels and 2 CF bulbs. The charge controller has
> outputs for 3, 6, 9, and 12 volts and s volt meter. Also has a
> cigarette lighter socket. I run the 897 from a deep cycle battery
> hooked to the charge controller. It's cost effective and it works.
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> As far as minimum voltage, usually less voltage equals more current
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> above 14.5 volts.
>
> Joel Mueller
>
>

30332. RE: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 11:34:58 UTC
From: Matt Patterson
Topic: 30316 Message: 30332

A quick search on Harbor Freight's website turned up this.

http://www.harborfreight.com/45-watt-solar-panel-kit-90599.html

Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Silberman
Sent: Friday, June 11, 2010 6:01 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

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> above 14.5 volts.
>
> Joel Mueller
>
>

[Non-text portions of this message have been removed]

30333. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 12:22:17 UTC
From: n0bnd Yahoo
Topic: 30316 Message: 30333

Thanks Matt. That's the one. You can get them on sale for $169 at times. I use this for portable and field day work with my 897. I'm not necessarily being green but part of my being a ham is being ready to assist in an emergency situation. Most emergencies put power at a premium. This kit is just one more option.

Joel Mueller

On Jun 11, 2010, at 6:34 AM, "Matt Patterson" <mattpatt@...> wrote:

A quick search on Harbor Freight's website turned up this.

http://www.harborfreight.com/45-watt-solar-panel-kit-90599.html

Matt

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30334. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 12:44:34 UTC
From: dj7sw
Topic: 30316 Message: 30334

Hello!

We used the FT897 in IARU R1 Fieldday last week down to 9.6 Volt.
Then we changed akkumulators to avoid destroying the cells.
The same is valid for a FT857 what we used last year.

73 de Lup, DJ7SW alias DL0KF/p

--- In FT897@yahoogroups.com, "dk3qn" <dk3qn@...> wrote:
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> Hello group,
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> I've searched for this info right here but "no luck".
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> My question:
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> 73, Klaus, DK3QN
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30335. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 15:03:26 UTC
From: johnfaughn
Topic: 30316 Message: 30335

And now were getting attitude .
A couple of comments about how we get info / product , and " that's all you hear " .
Well your listening too narrowly , and I do not remember anything saying what we can talk about or not , censorship is wrong .
If your so sensitive then maybe you should not be in a public forum .
Kinda makes you " 73 " 2 faced ?
To all else , I just have a problem knuckling under to ????
Enough of that , we were talking about alternative energy .
John
kd0cac

--- In FT897@yahoogroups.com, <josedouglas@...> wrote:
>
> What happened to the FT897 group?
> All I'm getting is green crap and politics!!!???
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> > > Again its a big subject and require personal study to do well , if no other reason , because there are some many that do what there told , and lots of misinformation .
> > > Something as simple as batteries is a good point , Hams seem to take pride in emergency communications , but generally are vary ill informed about batteries / types / maintenance and uses .
> > > I would give lots of links , but ever since Firefox did an update sometime back , I can not click & drag or copy & paste links .
> > >
> > > --- In FT897@yahoogroups.com, "Ted Wrobel" <twrobel@> wrote:
> > > >
> > > > Search for marine solar panels - you'll find lots of products and info.
> > > >
> > > > I use a small (10 Watt?) panel to keep my batteries topped up. Two 100 AH+
> > > > batteries, keeps them up around 12.7 volts.
> > > >
> > > > Over the winter the batteries stayed charged - even with the weak winter
> > > > sun.
> > > >
> > > > No too hard to roughly calc what your energy budget will be & you can size
> > > > panels accordingly.
> > > >
> > > > Note that most photoelectric research seems to be in Europe, particularly
> > > > Switzerland & Germany - not much interest in the US, we can just burn some
> > > > more oil.
> > > >
> > > > 73
> > > > Ted
> > > > W1GRI
> > > >
> > > > _____
> > > >
> > > > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > > > ice_berg_
> > > > Sent: Thursday, June 10, 2010 15:10
> > > > To: FT897@yahoogroups.com
> > > > Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , John Faughn
> > > > <john.faughn@> wrote:
> > > > >
> > > > > On the practical use of Gel-cells , yes do not waster your money on a
> > > > > Gel-cell , unless you are doing acrobatics in an airplane .
> > > > > That is what they are meant for , less performance than , a true "deep

> > > > > cycle" , at a higher cost .
> > > > > Also generally do not run your radio on a battery alone , the idea being
> > > > > that like almost anything , stay away from the extremes 11.7vdc , do not
> > > > > remember the high end [maybe about 16v] .
> > > > > Just because someone said they made something work , does not mean that is
> > > > > good practice .
> > > > > Running almost any equipment on the extremes means shorter life .
> > > > > Having something that maintains as close as possible to 13.8v , like solar
> > > > > panel , power supply , or battery-booster - fallows ohms law by
> > > > maintaining
> > > > > voltage by pulling down amps .
> > > > > Even though lots of equipment has low voltage shut-down , does mean you
> > > > will
> > > > > get as long a life out of the equipment .
> > > > > John
> > > > > kd0cac
> > > >
> > > > On this topic does anyone have anything to say about a setup of Battery+
> > > > photovoltaic cell that has worked well in the field? I'm in the US and most
> > > > of the sites I have seen selling good panels seem to be in the UK or in
> > > > Germany. I did se a few that looked good, something around 17V max at 2.66A.
> > > > Of course that all depends on the efficiency of the cells and the amount of
> > > > sun as always, I was just wondering if anyone could provide some insight
> > > > from personal experience.
> > > >
> > > > KB9YEN
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

30336. Re: Using an FC-30 on an FT-840

Yahoo group: FT897 (2010)
Date: 2010-06-11 12:03:29 UTC
From: tom_tuttle@rocketmail.com
Topic: 30328 Message: 30336

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> I posted this over in the FT-840 group and got no response, so I will try it
> here..
>
> We have a brand new FC-30 auto-tuner that was given to us, and we have an
> FT-840 that was given to us. We have installed same at an older gentleman's
> house, in which the he has a General ticket and is confined to a wheelchair.
> We put up a donated Butternut HF6V antenna, which generally runs about 1.5 -
> 1.7 SWR. Yeasu feels there is no reason the FC-30 won't work on the FT-840
> but we can't seem to get it to work.
>
> Does anyone here have any suggestions on getting the two units to
> communicate? The connections are the same...an 8 pin mini din.....We would
> sure like to get this to work correctly for the ham. (KA7TFH).
>
> Thanks in advance!
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>

Hi
I don't know anything about the FT-840 but here are a couple of things you might try. Some menu driven radios have a setting you have to change so that it will recognize the fact an auto tuner is on board. Also do you have the mini cable connected so the auto tuner will key the transmitter. And lastly make sure to do a continuity test on your DIN cable (The 897 needs all 8)

Hope this helps
Tom

30337. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-11 01:44:58 UTC
From: traburgess1945
Topic: 30239 Message: 30337

--- In FT897@yahoogroups.com, "ice_berg_" <ice_berg_@...> wrote:
>
> I just passed the general test, and will be buying an 897D setup in the next week or two (waiting on a contract check). Where I live I can not have a tower so I was looking at something like a buddipole but I thought I would ask around and see what types of input I could get. Whatever it is it has to be able to be taken down when not in use or when the owner of the property requests (ie maintenance on the property etc, they just don't want a semi/permeant feature)
>
> The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner, FP-30 for base station use.
>
> Comments are very welcome but mostly Im looking for what I can do about the antenna situation, there isn't room here to erect a 1/2 wave dipole for most of the HF bands.
>

I will be taking my Technician test and have been researching equipment quite a bit. One little antenna system I plan on investing in is the MFJ Mini-dipole (http://www.mfjenterprises.com/Search.php?searchit=HF+Sticks). The price is right. Depending on how you set it up, dipoles can be used horizontal or vertical. In vertical mode, just make sure the "hot" side is up. In the bad old days some 35 years ago, I was playing with 11 meter antennas and had wire strung all over my shack (back bedroom). Did not please the ex-XYL very much.

30338. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 13:24:07 UTC
From: traburgess1945
Topic: 30316 Message: 30338

--- In FT897@yahoogroups.com, n0bnd Yahoo <n0bnd@...> wrote:
>
> I use the 45 watt system available at harbor freight tools. On sale it runs $169. It works out to about $4 a watt and comes with charge controller, 3 15 watt panels and 2 CF bulbs. The charge controller has outputs for 3, 6, 9, and 12 volts and s volt meter. Also has a cigarette lighter socket. I run the 897 from a deep cycle battery hooked to the charge controller. It's cost effective and it works.
>
> As far as minimum voltage, usually less voltage equals more current and more strain on solid state devices. I wouldn't go below 12.5 or above 14.5 volts.
>
> Joel Mueller
>
The current sale price (11 July 2010) is $199.00. They are bound to have had a price increase. I am going to go to their store and look at it. They are in Houston, Texas.

Travis
Student Technician

30339. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-11 01:44:47 UTC
From: traburgess1945
Topic: 30239 Message: 30339

--- In FT897@yahoogroups.com, "ice_berg_" <ice_berg_@...> wrote:
>
> I just passed the general test, and will be buying an 897D setup in the next week or two (waiting on a contract check). Where I live I can not have a tower so I was looking at something like a buddipole but I thought I would ask around and see what types of input I could get. Whatever it is it has to be able to be taken down when not in use or when the owner of the property requests (ie maintenance on the property etc, they just don't want a semi/permeant feature)
>
> The setup I will be purchasing is the 897D, the LDG 200 memory auto tuner, FP-30 for base station use.
>
> Comments are very welcome but mostly Im looking for what I can do about the antenna situation, there isn't room here to erect a 1/2 wave dipole for most of the HF bands.
>

I will be taking my Technician test and have been researching equipment quite a bit. One little antenna system I plan on investing in is the MFJ Mini-dipole (http://www.mfjenterprises.com/Search.php?searchit=HF+Sticks). The price is right. Depending on how you set it up, dipoles can be used horizontal or vertical. In vertical mode, just make sure the "hot" side is up. In the bad old days some 35 years ago, I was playing with 11 meter antennas and had wire strung all over my shack (back bedroom). Did not please the ex-XYL very much.

30340. cw digital filter

Yahoo group: FT897 (2010)
Date: 2010-06-09 20:47:51 UTC
From: DaniloI
Topic: 30340 Message: 30340

I proudly own an FT-897/D/I and want to install a CW filter.
I understand there is a company producing a 500Hz CW "digital" filter which is claimed to be much more performing compared with the "usual" mechanical ones (like Inrad or Collins).
Is somebody aware about it? If positive, any comments on its performance in CW operations?
Thanks beforehand.
Danilo IK1XHN

30341. minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-10 18:22:34 UTC
From: Jon Moody
Topic: 30316 Message: 30341

HI everyone,

I always wanted to know this answer myself so I tested my FT-897D into a dummy load using an MFJ-4245MV variable DC Power supply, a Diamond antenna power/SWR meter and and EXTECH DMM. These are not laboratory instrumented measurements and I am sure that YMWV as each rig will behave slightly differently and each test setup will be slightly different. I did this test on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power setting set to 50 watts.

The receive seems to work down to 8.6 volts as measured by my FT-897D and 9.07 volts as measured by my DMM before it turns off at 8.4 volts (FT-897D) 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9 volts (FT-897D) 10.3 volts (DMM).

On transmit there is little if any power transmitted at 8.75 volts (DMM) the power meter did not move nor did the indicator on the FT-987D. At 10.3 volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1 volts (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR meter.

--
Thanks
Jon

[Non-text portions of this message have been removed]

30342. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 15:44:42 UTC
From: Alan E. Lutz
Topic: 30316 Message: 30342

Personally, I think you are asking for trouble operating the radio outside of the factory specified voltage requirements. It may work, but I think you run the risk of damaging something. I won't knowingly subject my radio to voltages outside of parameters.

73 de Alan
AE1NH

----- Original Message -----
From: dj7sw
To: FT897@yahoogroups.com
Sent: Friday, June 11, 2010 8:44 AM
Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?

Hello!

We used the FT897 in IARU R1 Fieldday last week down to 9.6 Volt.
Then we changed akkumulators to avoid destroying the cells.
The same is valid for a FT857 what we used last year.

73 de Lup, DJ7SW alias DL0KF/p

--- In FT897@yahoogroups.com, "dk3qn" <dk3qn@...> wrote:
>
> Hello group,
>
> I've searched for this info right here but "no luck".
>
> My question:
>
> What is the minimum DC supply voltage an FT-897D requires before
> it drops out or goes "wild"?
>
> As per the manual it should be all right as long as the supply voltage doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).
>
> Anyone with a practical experience when using 12 V GEL batteries?
>
> 73, Klaus, DK3QN
>

[Non-text portions of this message have been removed]

30343. Re: [FT897] minimum DC supply voltage for a FT-897D? -- OR Information we can use!

Yahoo group: FT897 (2010)
Date: 2010-06-11 15:54:36 UTC
From: Finnigann
Topic: 30316 Message: 30343

On Thu, 10 Jun 2010 14:22:34 -0400, Jon Moody <jmoodysr@...> wrote:

Good post, And something we can use. Thanks!!

>
> HI everyone,

> I always wanted to know this answer myself so I tested my FT-897D into a
> dummy load using an MFJ-4245MV variable DC Power supply, a Diamond
> antenna
> power/SWR meter and and EXTECH DMM. These are not laboratory instrumented
> measurements and I am sure that YMWV as each rig will behave slightly
> differently and each test setup will be slightly different. I did this
> test
> on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power
> setting
> set to 50 watts.

> The receive seems to work down to 8.6 volts as measured by my FT-897D and
> 9.07 volts as measured by my DMM before it turns off at 8.4 volts
> (FT-897D)
> 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9
> volts (FT-897D) 10.3 volts (DMM).

> On transmit there is little if any power transmitted at 8.75 volts (DMM)
> the
> power meter did not move nor did the indicator on the FT-987D. At 10.3
> volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
> (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1
> volts
> (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR
> meter.

> --Thanks
> Jon

> [Non-text portions of this message have been removed]

>

--

73'S

DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12

http://my.opera.com/Finnigann/blog

http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

30344. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 16:21:43 UTC
From: robert donchez
Topic: 30316 Message: 30344

probably shouldnt but if a company cant design some protection
circuit built into complex equipment to keep it from being harmed if
there is a sudden brownout or shutdown, i would think very little of
their equipment and engineering department especially since they are
aware in would probably be used under emergency conditions , often
without the optimum power requirements
bob donchez
wb3hyb
On Jun 11, 2010, at 11:44 AM, Alan E. Lutz wrote:

> Personally, I think you are asking for trouble operating the radio
> outside of the factory specified voltage requirements. It may
> work, but I think you run the risk of damaging something. I won't
> knowingly subject my radio to voltages outside of parameters.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: dj7sw
> To: FT897@yahoogroups.com
> Sent: Friday, June 11, 2010 8:44 AM
> Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
>
>
>
> Hello!
>
> We used the FT897 in IARU R1 Fieldday last week down to 9.6 Volt.
> Then we changed akkumulators to avoid destroying the cells.
> The same is valid for a FT857 what we used last year.
>
> 73 de Lup, DJ7SW alias DL0KF/p
>
> --- In FT897@yahoogroups.com, "dk3qn" <dk3qn@...> wrote:
>>
>> Hello group,
>>
>> I've searched for this info right here but "no luck".
>>
>> My question:
>>
>> What is the minimum DC supply voltage an FT-897D requires before
>> it drops out or goes "wild"?
>>

>> As per the manual it should be all right as long as the supply
>> voltage doesn't drop below 11.7 volts (spec'd 13.8 volts +/- 15%).
>>
>> Anyone with a practical experience when using 12 V GEL batteries?
>>
>> 73, Klaus, DK3QN
>>
>
>
>
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30345. Re: [FT897] minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 16:27:19 UTC
From: Alan E. Lutz
Topic: 30316 Message: 30345

Jon,

I didn't see any current readings listed. Did you measure them when you did the test?

73 de Alan
AE1NH

----- Original Message -----
From: Jon Moody
To: FT897@yahoogroups.com
Sent: Thursday, June 10, 2010 2:22 PM
Subject: [FT897] minimum DC supply voltage for a FT-897D?

HI everyone,

I always wanted to know this answer myself so I tested my FT-897D into a dummy load using an MFJ-4245MV variable DC Power supply, a Diamond antenna power/SWR meter and and EXTECH DMM. These are not laboratory instrumented measurements and I am sure that YMWV as each rig will behave slightly differently and each test setup will be slightly different. I did this test on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power setting set to 50 watts.

The receive seems to work down to 8.6 volts as measured by my FT-897D and 9.07 volts as measured by my DMM before it turns off at 8.4 volts (FT-897D) 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9 volts (FT-897D) 10.3 volts (DMM).

On transmit there is little if any power transmitted at 8.75 volts (DMM) the power meter did not move nor did the indicator on the FT-987D. At 10.3 volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1 volts (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR meter.

--
Thanks
Jon

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30346. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 16:32:08 UTC
From: Alan E. Lutz
Topic: 30316 Message: 30346

Robert,

I agree with what you are saying about inadvertent power changes. I thought we were talking about intentionally running the rig outside the specified power requirements. A big difference IMO.

73 de Alan
AE1NH

----- Original Message -----
From: robert donchez
To: FT897@yahoogroups.com
Sent: Friday, June 11, 2010 12:21 PM
Subject: Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

probably shouldnt but if a company cant design some protection
circuit built into complex equipment to keep it from being harmed if
there is a sudden brownout or shutdown, i would think very little of
their equipment and engineering department especially since they are
aware in would probably be used under emergency conditions , often
without the optimum power requirements
bob donchez
wb3hyb
On Jun 11, 2010, at 11:44 AM, Alan E. Lutz wrote:

> Personally, I think you are asking for trouble operating the radio
> outside of the factory specified voltage requirements. It may
> work, but I think you run the risk of damaging something. I won't
> knowingly subject my radio to voltages outside of parameters.
>
> 73 de Alan
> AE1NH
>
>

[Non-text portions of this message have been removed]

30347. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 17:13:16 UTC
From: kg6vdw
Topic: 30316 Message: 30347

Hi Alan,

Sorry no I didn't. Please tell me more.... how would that be useful ? It would seem that you would be able to calculate the approximate current consumed from the voltage and power values. This would not work for the receive measurements though...

I am just asking in order to learn more....

Thanks
Jon
KG6VDW

--- In FT897@yahoogroups.com, "Alan E. Lutz" <lutz48@...> wrote:
>
> Jon,
>
> I didn't see any current readings listed. Did you measure them when you did the test?
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: Jon Moody
> To: FT897@yahoogroups.com
> Sent: Thursday, June 10, 2010 2:22 PM
> Subject: [FT897] minimum DC supply voltage for a FT-897D?
>
>
>
> HI everyone,
>
> I always wanted to know this answer myself so I tested my FT-897D into a
> dummy load using an MFJ-4245MV variable DC Power supply, a Diamond antenna
> power/SWR meter and and EXTECH DMM. These are not laboratory instrumented
> measurements and I am sure that YMWV as each rig will behave slightly
> differently and each test setup will be slightly different. I did this test
> on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power setting
> set to 50 watts.
>
> The receive seems to work down to 8.6 volts as measured by my FT-897D and
> 9.07 volts as measured by my DMM before it turns off at 8.4 volts (FT-897D)
> 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9
> volts (FT-897D) 10.3 volts (DMM).
>
> On transmit there is little if any power transmitted at 8.75 volts (DMM) the
> power meter did not move nor did the indicator on the FT-987D. At 10.3

> volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
> (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1 volts
> (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR
> meter.
>
> --
> Thanks
> Jon
>
> [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

30348. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 17:24:35 UTC
From: Alan E. Lutz
Topic: 30316 Message: 30348

Jon,

The power supply I use (Alinco DM-330) allows me to switch the meter between voltage and current. If yours does not, you could have put your multi-meter in the circuit, providing it will handle the current load. The reason I asked was because I was curious as to whether or not the current was going up when the voltage went down. If the unit is reducing output power along with the reduction in voltage, then this may not happen. My concern with the reduced voltage is if the current goes up it could be overloading components. If someone knows differently, please set me straight.

73 de Alan
AE1NH

----- Original Message -----
From: kg6vdw
To: FT897@yahoogroups.com
Sent: Friday, June 11, 2010 1:13 PM
Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?

Hi Alan,

Sorry no I didn't. Please tell me more.... how would that be useful ? It would seem that you would be able to calculate the approximate current consumed from the voltage and power values. This would not work for the receive measurements though...

I am just asking in order to learn more....

Thanks
Jon
KG6VDW

--- In FT897@yahoogroups.com, "Alan E. Lutz" <lutz48@...> wrote:
>
> Jon,
>
> I didn't see any current readings listed. Did you measure them when you did the test?
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: Jon Moody
> To: FT897@yahoogroups.com
> Sent: Thursday, June 10, 2010 2:22 PM
> Subject: [FT897] minimum DC supply voltage for a FT-897D?
>
>

>
> HI everyone,
>
> I always wanted to know this answer myself so I tested my FT-897D into a
> dummy load using an MFJ-4245MV variable DC Power supply, a Diamond antenna
> power/SWR meter and and EXTECH DMM. These are not laboratory instrumented
> measurements and I am sure that YMWV as each rig will behave slightly
> differently and each test setup will be slightly different. I did this test
> on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power setting
> set to 50 watts.
>
> The receive seems to work down to 8.6 volts as measured by my FT-897D and
> 9.07 volts as measured by my DMM before it turns off at 8.4 volts (FT-897D)
> 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9
> volts (FT-897D) 10.3 volts (DMM).
>
> On transmit there is little if any power transmitted at 8.75 volts (DMM) the
> power meter did not move nor did the indicator on the FT-987D. At 10.3
> volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
> (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1 volts
> (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR
> meter.
>
> --
> Thanks
> Jon
>
> [Non-text portions of this message have been removed]
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30349. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 21:46:56 UTC
From: dk3qn
Topic: 30316 Message: 30349

Hi Lup and others,

Thanks to all of you for your info on this subject, much appreciated.

Take care,

Klaus, DK3QN

--- In FT897@yahoogroups.com, "dj7sw" <dj7sw@...> wrote:
>
> Hello!
>
> We used the FT897 in IARU R1 Fieldday last week down to 9.6 Volt.
> Then we changed akkumulators to avoid destroying the cells.
> The same is valid for a FT857 what we used last year.
>
> 73 de Lup, DJ7SW alias DL0KF/p
>
>
> --- In FT897@yahoogroups.com, "dk3qn" <dk3qn@> wrote:
> >
> > Hello group,
> >
> > I've searched for this info right here but "no luck".
> >
> > My question:
> >
> > What is the minimum DC supply voltage an FT-897D requires before
> > it drops out or goes "wild"?
> >
> > As per the manual it should be all right as long as the supply voltage doesn't drop
below 11.7 volts (spec'd 13.8 volts +/- 15%).
> >
> > Anyone with a practical experience when using 12 V GEL batteries?
> >
> > 73, Klaus, DK3QN
> >
>

30350. RE: [FT897] Re: Using an FC-30 on an FT-840

Yahoo group: FT897 (2010)
Date: 2010-06-11 22:12:04 UTC
From: Michael Hughey
Topic: 30328 Message: 30350

Well, I don't know anything about the FT-840, but on the -897, you have to tell the radio in the tuner menu that you are not using the ATAS and dial in TUNER. I don't know if the -840 has such a menu. Also, on the -897, you have to momentarily touch the TUNE button on the A key to wake up the tuner. I don't know if this helps at all. You could probably download the manual for free from the Yaesu site (I've downloaded several myself) and find out there maybe.

Mike KF4DUS

-----Original Message-----
From: tom_tuttle@... <tom_tuttle@...>
Sent: Friday, June 11, 2010 6:03
To: FT897@yahoogroups.com
Subject: [FT897] Re: Using an FC-30 on an FT-840

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> I posted this over in the FT-840 group and got no response, so I will try it
> here..
>
> We have a brand new FC-30 auto-tuner that was given to us, and we have an
> FT-840 that was given to us. We have installed same at an older gentleman's
> house, in which the he has a General ticket and is confined to a wheelchair.
> We put up a donated Butternut HF6V antenna, which generally runs about 15 -
> 1.7 SWR. Yeasu feels there is no reason the FC-30 won't work on the FT-840
> but we can't seem to get it to work.
>
> Does anyone here have any suggestions on getting the two units to
> communicate? The connections are the same...an 8 pin mini din.....We would
> sure like to get this to work correctly for the ham. (KA7TFH).
>
> Thanks in advance!
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
Hi
I don't know anything about the FT-840 but here are a couple of things you might try. Some menu driven radios have a setting you have to change so that it will recognize the fact an auto tuner is on board. Also do you have the mini cable connected so the auto tuner will key the transmitter. And lastly make sure to do a continuity test on your DIN cable (The 897 needs all 8)

Hope this helps
Tom

[The entire original message is not included]

[Non-text portions of this message have been removed]

30351. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 22:27:38 UTC
From: Jim N7TCF
Topic: 30316 Message: 30351

I would expect the current(I) to drop as the voltage(V) drops, since the output(W) also dropped.

The equation to use is:
W = V * I

If W were constant, I would increase, but W will be reduced with less V. R didn't get into this equation because it is constant. If R somehow dropped, I could increase.

If I've oversimplified, others will surely explain where I'm wrong.

Jim N7TCF

Alan E. Lutz wrote:
>
>
> Jon,
>
> The power supply I use (Alinco DM-330) allows me to switch the meter
> between voltage and current. If yours does not, you could have put your
> multi-meter in the circuit, providing it will handle the current load.
> The reason I asked was because I was curious as to whether or not the
> current was going up when the voltage went down. If the unit is reducing
> output power along with the reduction in voltage, then this may not
> happen. My concern with the reduced voltage is if the current goes up it
> could be overloading components. If someone knows differently, please
> set me straight.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: kg6vdw
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Friday, June 11, 2010 1:13 PM
> Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
>
> Hi Alan,
>
> Sorry no I didn't. Please tell me more.... how would that be useful ? It
> would seem that you would be able to calculate the approximate current
> consumed from the voltage and power values. This would not work for the
> receive measurements though...
>
> I am just asking in order to learn more....

>
> Thanks
> Jon
> KG6VDW
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Alan E.
> Lutz" <lutz48@...> wrote:
> >
> > Jon,
> >
> > I didn't see any current readings listed. Did you measure them when
> you did the test?
> >
> > 73 de Alan
> > AE1NH
> >
> > ----- Original Message -----
> > From: Jon Moody
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Thursday, June 10, 2010 2:22 PM
> > Subject: [FT897] minimum DC supply voltage for a FT-897D?
> >
> >
> >
> > HI everyone,
> >
> > I always wanted to know this answer myself so I tested my FT-897D into a
> > dummy load using an MFJ-4245MV variable DC Power supply, a Diamond
> antenna
> > power/SWR meter and and EXTECH DMM. These are not laboratory instrumented
> > measurements and I am sure that YMWV as each rig will behave slightly
> > differently and each test setup will be slightly different. I did
> this test
> > on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power
> setting
> > set to 50 watts.
> >
> > The receive seems to work down to 8.6 volts as measured by my FT-897D and
> > 9.07 volts as measured by my DMM before it turns off at 8.4 volts
> (FT-897D)
> > 8.75 volts (DMM). It does not turn back on until the voltage reaches 9.9
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> > On transmit there is little if any power transmitted at 8.75 volts
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> > volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
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> volts
> > (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR

> > meter.
> >
> > --
> > Thanks
> > Jon
> >
> > [Non-text portions of this message have been removed]
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>

30352. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 22:44:55 UTC
From: n0bnd Yahoo
Topic: 30316 Message: 30352

Joel Mueller

On Jun 11, 2010, at 8:24 AM, "traburgess1945" <travburg1@hotmail.com> wrote:

--- In FT897@yahoogroups.com, n0bnd Yahoo <n0bnd@...> wrote:
>
> I use the 45 watt system available at harbor freight tools. On sale it runs $169. It works out to about $4 a watt and comes with charge controller, 3 15 watt panels and 2 CF bulbs. The charge controller has outputs for 3, 6, 9, and 12 volts and s volt meter. Also has a cigarette lighter socket. I run the 897 from a deep cycle battery hooked to the charge controller. It's cost effective and it works.
>
> As far as minimum voltage, usually less voltage equals more current and more strain on solid state devices. I wouldn't go below 12.5 or above 14.5 volts.
>
> Joel Mueller
>
The current sale price (11 July 2010) is $199.00. They are bound to have had a price increase. I am going to go to their store and look at it. They are in Houston, Texas.

Travis
Student Technician

[Non-text portions of this message have been removed]

30353. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-11 22:48:13 UTC
From: n0bnd Yahoo
Topic: 30316 Message: 30353

I have a Harbor Freight Tools catalog (supposedly my last if I don't order something) with a $169 price. I bought one last weekend and I'll buy another this weekend. I took the catalog to the store and they honored it's price. Even $199 keeps it under $5 a watt.

Joel Mueller

On Jun 11, 2010, at 8:24 AM, "traburgess1945" <travburg1@...> wrote:

--- In FT897@yahoogroups.com, n0bnd Yahoo <n0bnd@...> wrote:
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Travis
Student Technician

[Non-text portions of this message have been removed]

30354. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 02:27:57 UTC
From: bw3us
Topic: 30316 Message: 30354

I have used the SEC-1235M power supply for about a year and find it does all I need for my 897D and other lights/meters connected to it.
For about $135 you can't go wrong.
http://www.ad5x.com/images/Presentations/SEC1235M%20Review.pdf

30355. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 04:25:52 UTC
From: Larry D. Barr (K5WLF)
Topic: 30316 Message: 30355

Replying here to the question about actual in-use operation of PV panels and AGM batteries...

On my pickup I have 2 X 64W Uni-Solar PV panels, charging a 100 Ah PowerSonic AGM battery, via a Trace (formerly Xantrex) C12 charge controller. This setup is used to provide autonomous power for radios in the event of an emergency deployment. I get around 8A charge current to the battery in full sun.

It's been used for quite a few bike races that our club provides comms for and for several Simulated Emergency Tests (SETs). The battery remains charged all the time and the battery capacity is sufficient to provide overnight power. I also have a Powerstream AGM charger that will charge the battery from the pickup alternator if needed. AGMs require a different charge protocol than regular flooded lead-acid batteries, hence the need for the Powerstream unit.

I also run a 100 Ah AGM in the house, charged via a West Mountain Radio SuperPWRGate PG40S from my 45A mains-powered DC supply. This provides me with uninterruptible power in the event of a power failure. Not uncommon during T-storm season in NC Texas.

I chose to pay the premium price for the AGMs because they would be mounted in the shack and inside the pickup and the corrosive (and explosive) outgassing of flooded cells was not acceptable in enclosed environments. The batteries are about four years old and, having been mostly operated in 'float' mode are still in excellent condition.

There's a video of the pickup at: http://tinyurl.com/3xpyka9 showing the mounting of the panels and a deployment of them. Since the video was made the charge controller and battery have been mounted permanently inside the pickup rather than carried in the back.

The Uni-Solar amorphous panels, last I heard, are no longer made; Uni-Solar having devoted their amorphous production line to BIPV fabrication. Kyocera makes a panel of about 200 watt output that I'd use if I were doing the project now.

A word about the HF 45 watt PV system. The panels work fine -- a friend of mine got some about 3 years ago -- but the controller is garbage. He replaced it with a C12 and uses the panels to maintain the charge in his 100 Ah AGM with good results.

Figuring out the battery run-time for an intended use is easy. First, figure out how many Amp-Hours (Ah) you'll use per clock hour in normal operation. Normal operation is generally calculated at 90% receive and 10% transmit.

The FT-897D, according to Yaesu, draws 1A in receive mode and 22A in transmit at 100W.

So, in 1 clock hour we're consuming (1A X .9h) + (22A X .1h) = (.9Ah + 2.2Ah) = 3.1 Ah.

Figuring our 100Ah battery at 50Ah, because we don't ever want to take the battery below 50% depth of discharge, we divide: 50/3.1 = 16.129 hours. Which is about 16 hours and 8 minutes from a fully charged battery.

Hope this info is useful.

73,
ldb

Larry D. Barr, K5WLF
PIO, NTX District 3 ARES
PIO, Tarleton Area ARC
AEC, Erath County, TX ARES
CLO (Alt), Erath Co. TX RACES
Erath Co. TX Emergency Management
www.rebelwolf.com
www.rebelwolf.com/blog

30356. Correction

Yahoo group: FT897 (2010)
Date: 2010-06-12 04:33:18 UTC
From: Larry D. Barr (K5WLF)
Topic: 30356 Message: 30356

In my recent post, I wrote:

"via a Trace (formerly Xantrex) C12 charge controller"

that should be:

"via a Trace (*now* Xantrex) C12 charge controller"

My apologies for the typo.

73,
ldb
K5WLF

30357. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 14:26:35 UTC
From: Alan E. Lutz
Topic: 30316 Message: 30357

Try it with an AC motor and watch what happens.

----- Original Message -----
From: "Jim N7TCF" <n7tcf@...>
To: <FT897@yahoogroups.com>
Sent: Friday, June 11, 2010 6:27 PM
Subject: Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

>I would expect the current(I) to drop as the voltage(V) drops, since the
> output(W) also dropped.
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> The equation to use is:
> W = V * I
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>> output power along with the reduction in voltage, then this may not
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>> From: kg6vdw
>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>> Sent: Friday, June 11, 2010 1:13 PM
>> Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?

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>> consumed from the voltage and power values. This would not work for the
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>> I am just asking in order to learn more....
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>> Thanks
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>> > From: Jon Moody
>> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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>> > HI everyone,
>> >
>> > I always wanted to know this answer myself so I tested my FT-897D into
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30358. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 14:39:41 UTC
From: Carl Wulfestieg
Topic: 30316 Message: 30358

Alan- The BLACK SMOKE will escape ??? 73 Carl WZ4CW

30359. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 21:20:19 UTC
From: Jim N7TCF
Topic: 30316 Message: 30359

Due to the reduced back-EMF, impedance(Z) is lower, Z takes the place of
R in an AC circuit and so, I can increase.

Jim N7TCF

Alan E. Lutz wrote:
> Try it with an AC motor and watch what happens.
>
> ----- Original Message -----
> From: "Jim N7TCF" <n7tcf@...>
> To: <FT897@yahoogroups.com>
> Sent: Friday, June 11, 2010 6:27 PM
> Subject: Re: [FT897] Re: minimum DC supply voltage for a FT-897D?
>
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>>> Jon,
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>>> multi-meter in the circuit, providing it will handle the current load.
>>> The reason I asked was because I was curious as to whether or not the
>>> current was going up when the voltage went down. If the unit is reducing
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>>> 73 de Alan
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>>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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>>> I am just asking in order to learn more....
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>>> > HI everyone,
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> Yahoo! Groups Links

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30360. Re: [FT897] Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 21:31:17 UTC
From: Dennis
Topic: 30316 Message: 30360

OK, put it to rest! The man's question has been answered!

On 06/12/2010 16:20, Jim N7TCF wrote:
> Due to the reduced back-EMF, impedance(Z) is lower, Z takes the place of
> R in an AC circuit and so, I can increase.
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>>>> > on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power
>>>> setting
>>>> > set to 50 watts.
>>>> >
>>>> > The receive seems to work down to 8.6 volts as measured by my FT-897D
>>>> and
>>>> > 9.07 volts as measured by my DMM before it turns off at 8.4 volts
>>>> (FT-897D)
>>>> > 8.75 volts (DMM). It does not turn back on until the voltage reaches
>>>> 9.9
>>>> > volts (FT-897D) 10.3 volts (DMM).
>>>> >
>>>> > On transmit there is little if any power transmitted at 8.75 volts
>>>> (DMM) the
>>>> > power meter did not move nor did the indicator on the FT-987D. At 10.3
>>>> > volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
>>>> > (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1
>>>> volts
>>>> > (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR
>>>> > meter.
>>>> >
>>>> > --
>>>> > Thanks
>>>> > Jon
>>>> >
>>>> > [Non-text portions of this message have been removed]
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Dennis - N8BMB

30361. Re: minimum DC supply voltage for a FT-897D?

Yahoo group: FT897 (2010)
Date: 2010-06-12 22:01:44 UTC
From: johnfaughn
Topic: 30316 Message: 30361

Come now , quit telling others what to say or listen to , if you want to move on , then just bring up another question or answer .
If you do not like the discussion then just do not participate .
--- In FT897@yahoogroups.com, Dennis <n8bmb1@...> wrote:
>
> OK, put it to rest! The man's question has been answered!
>
> On 06/12/2010 16:20, Jim N7TCF wrote:
> > Due to the reduced back-EMF, impedance(Z) is lower, Z takes the place of
> > R in an AC circuit and so, I can increase.
> >
> > Jim N7TCF
> >
> > Alan E. Lutz wrote:
> >
> >> Try it with an AC motor and watch what happens.
> >>
> >> ----- Original Message -----
> >> From: "Jim N7TCF"<n7tcf@...>
> >> To:<FT897@yahoogroups.com>
> >> Sent: Friday, June 11, 2010 6:27 PM
> >> Subject: Re: [FT897] Re: minimum DC supply voltage for a FT-897D?
> >>
> >>
> >>
> >>> I would expect the current(I) to drop as the voltage(V) drops, since the
> >>> output(W) also dropped.
> >>>
> >>> The equation to use is:
> >>> W = V * I
> >>>
> >>> If W were constant, I would increase, but W will be reduced with less V.
> >>> R didn't get into this equation because it is constant. If R somehow
> >>> dropped, I could increase.
> >>>
> >>> If I've oversimplified, others will surely explain where I'm wrong.
> >>>
> >>> Jim N7TCF
> >>>
> >>> Alan E. Lutz wrote:
> >>>
> >>>> Jon,
> >>>>
> >>>> The power supply I use (Alinco DM-330) allows me to switch the meter
> >>>> between voltage and current. If yours does not, you could have put your

> >>>> multi-meter in the circuit, providing it will handle the current load.
> >>>> The reason I asked was because I was curious as to whether or not the
> >>>> current was going up when the voltage went down. If the unit is reducing
> >>>> output power along with the reduction in voltage, then this may not
> >>>> happen. My concern with the reduced voltage is if the current goes up it
> >>>> could be overloading components. If someone knows differently, please
> >>>> set me straight.
> >>>>
> >>>> 73 de Alan
> >>>> AE1NH
> >>>>
> >>>> ----- Original Message -----
> >>>> From: kg6vdw
> >>>> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> >>>> Sent: Friday, June 11, 2010 1:13 PM
> >>>> Subject: [FT897] Re: minimum DC supply voltage for a FT-897D?
> >>>>
> >>>> Hi Alan,
> >>>>
> >>>> Sorry no I didn't. Please tell me more.... how would that be useful ? It
> >>>> would seem that you would be able to calculate the approximate current
> >>>> consumed from the voltage and power values. This would not work for the
> >>>> receive measurements though...
> >>>>
> >>>> I am just asking in order to learn more....
> >>>>
> >>>> Thanks
> >>>> Jon
> >>>> KG6VDW
> >>>>
> >>>> --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "Alan E.
> >>>> Lutz"<lutz48@> wrote:
> >>>> >
> >>>> > Jon,
> >>>> >
> >>>> > I didn't see any current readings listed. Did you measure them when
> >>>> you did the test?
> >>>> >
> >>>> > 73 de Alan
> >>>> > AE1NH
> >>>> >
> >>>> > ----- Original Message -----
> >>>> > From: Jon Moody
> >>>> > To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> >>>> > Sent: Thursday, June 10, 2010 2:22 PM
> >>>> > Subject: [FT897] minimum DC supply voltage for a FT-897D?
> >>>> >
> >>>> >
> >>>> >
> >>>> > HI everyone,

> >>>> >
> >>>> > I always wanted to know this answer myself so I tested my FT-897D into
> >>>> a
> >>>> > dummy load using an MFJ-4245MV variable DC Power supply, a Diamond
> >>>> antenna
> >>>> > power/SWR meter and and EXTECH DMM. These are not laboratory
> >>>> instrumented
> >>>> > measurements and I am sure that YMWV as each rig will behave slightly
> >>>> > differently and each test setup will be slightly different. I did
> >>>> this test
> >>>> > on 2 meters into a 200 watt dummy load (SWR 1.1) with the menu power
> >>>> setting
> >>>> > set to 50 watts.
> >>>> >
> >>>> > The receive seems to work down to 8.6 volts as measured by my FT-897D
> >>>> and
> >>>> > 9.07 volts as measured by my DMM before it turns off at 8.4 volts
> >>>> (FT-897D)
> >>>> > 8.75 volts (DMM). It does not turn back on until the voltage reaches
> >>>> 9.9
> >>>> > volts (FT-897D) 10.3 volts (DMM).
> >>>> >
> >>>> > On transmit there is little if any power transmitted at 8.75 volts
> >>>> (DMM) the
> >>>> > power meter did not move nor did the indicator on the FT-987D. At 10.3
> >>>> > volts (DMM) there is aproximately 40% power or 20 watts. At 11.7 volts
> >>>> > (DMM) 11 volts (FT-897D) I have 33 watts. Full power comes on at 13.1
> >>>> volts
> >>>> > (DMM) 12.5 volts (FT-897D) indicated 49 watts on the Diamond Power/SWR
> >>>> > meter.
> >>>> >
> >>>> > --
> >>>> > Thanks
> >>>> > Jon
> >>>> >
> >>>> > [Non-text portions of this message have been removed]
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> --
> Dennis - N8BMB
>

30362. Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-13 20:49:53 UTC
From: ice_berg_
Topic: 30239 Message: 30362

The bigger problem is the post you have to mount in the ground. Basically if I cant pick it up and take it in at the end of the day, I can't use it. If there were enough space I would just use two tripod/mast and set up a dipole but nowhere near that kind of room here.

I looked at some yagi and log antenna but most don't look like they would hold up well on a tripod mast.

Bryan
KB9YEN

--- In FT897@yahoogroups.com, "Alan E. Lutz" <lutz48@...> wrote:
>
> This is a nice antenna at a great price, but IMO the radialsÂ may pose a problem with his landlord.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: "Patrick" <milw156@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, June 1, 2010 9:24:08 AM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] Need help with Antenna selection
>
> http://www.s9antennas.com/index.html
>
>
>
> [Non-text portions of this message have been removed]
>

30363. Re: [FT897] Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-13 21:00:46 UTC
From: Graeme
Topic: 30239 Message: 30363

Gday Alan.
I assume you mean by "pick it up and take it in at the end of the day" you are operating portable. Based on that what I do when portable is use a 30 foot squid pole held up by a steel spike in the ground. I run a SGC SG211 (good for 60 watts) that transmits into a length of 30 foot of wire held up by the squid pole. Does all I want or need and I can pack it up at the end of the day.

Graeme vk4rd

[Non-text portions of this message have been removed]

30364. Re: [FT897] Re: Need help with Antenna selection

Yahoo group: FT897 (2010)
Date: 2010-06-14 00:10:59 UTC
From: Kris
Topic: 30239 Message: 30364

I have been using an Outbacker OB8 mounted on an Outpost base for portable HF. It is of course a vertical antenna which cuts down on close in contacts, but has worked extremely well for me, especially Field Day.

Kris
----- Original Message -----
From: ice_berg_
To: FT897@yahoogroups.com
Sent: Sunday, June 13, 2010 4:49 PM
Subject: [FT897] Re: Need help with Antenna selection

The bigger problem is the post you have to mount in the ground. Basically if I cant pick it up and take it in at the end of the day, I can't use it. If there were enough space I would just use two tripod/mast and set up a dipole but nowhere near that kind of room here.

I looked at some yagi and log antenna but most don't look like they would hold up well on a tripod mast.

Bryan
KB9YEN

--- In FT897@yahoogroups.com, "Alan E. Lutz" <lutz48@...> wrote:
>
> This is a nice antenna at a great price, but IMO the radialsÂ may pose a problem with his landlord.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: "Patrick" <milw156@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, June 1, 2010 9:24:08 AM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] Need help with Antenna selection
>
> http://www.s9antennas.com/index.html
>
>
>
> [Non-text portions of this message have been removed]
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30365. Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-14 02:33:08 UTC
From: Sean
Topic: 30365 Message: 30365

Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
Thanks!
73 W7TRD
Sean

30366. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-11 21:29:41 UTC
From: tomglaab
Topic: 30315 Message: 30366

> In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC?

Not sure what you're asking... there's pretty much just one way to hook the CAT cable to the computer. If you're talking about an antenna tuner, mine (LDG AT-897) has a second port so I just daisy-chain the PC, antenna tuner, and radio.

I have a USB-CAT cable, and use the FT-857 drivers in FLDIGI to control my radio. My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it. But for tuning the radio it works just fine.

I've also used the WSJT/WSPR software with CAT to tune the radio.

tg.
AJ4UQ.

30367. Bought an FT-897D today...

Yahoo group: FT897 (2010)
Date: 2010-06-13 06:34:17 UTC
From: Dave Tipton
Topic: 30367 Message: 30367

So, I bought an FT-897D today with an AT-897 Tuner, TT Mic, and it also has both the internal power supply and the dual battery packs. I currently own a SuperAntennas MP-1 portable "Screwdriver" to use with this rig. I bought it pretty much as a "Suitcase Shack" for some of the crazy road trips I get sent on for work. (In the last 3 months, I've been in 9 states including Hawaii.)

Since my travel schedule isn't likely to let up anytime soon, I'd like to get some advice on cases for this rig, along with any other suggestions anyone might have for a new owner of this particular rig. IF I do find an appropriate case for this rig, I'd like to keep it just slightly larger than the rig, but also big enough to have foam pull outs or whatever to store the MP1 if possible. (The rods are really similar in length to the depth of this radio.)

Thanks for the advice,
Dave, W5DMT

30368. Re: [FT897] Bought an FT-897D today...

Yahoo group: FT897 (2010)
Date: 2010-06-14 04:31:40 UTC
From: Graeme
Topic: 30367 Message: 30368

Hello Dave.
When I go portable Dave I use a Dell (D600) size computer bag. I have the 897 tuner fitted on the left hand side of the radio. I also put the microphone inside with the 897. In the accessoreis part of the bag I put the SG211 tuner, about 40 foot of coax, Cat cables. I only use the stereo inputs and outlets of the laptop to interface to the radio. I am not sure how you would get on taking the radio on board a plane (have not tried that yet). In another similar size laptop bag I take my laptops (Toughbook CF-29, Dell D610) and associated hardware.

Graeme VK4RD

.

[Non-text portions of this message have been removed]

30369. RE: [FT897] Bought an FT-897D today...

Yahoo group: FT897 (2010)
Date: 2010-06-14 04:55:11 UTC
From: Dave Tipton, W5DMT
Topic: 30367 Message: 30369

Thanks for the advice. I don't know if I can get away with 2 carry ons like that, but it's definitely a good idea for the whole concept of a Jump kit.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Graeme
Sent: Sunday, June 13, 2010 11:32 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Bought an FT-897D today...

Hello Dave.
When I go portable Dave I use a Dell (D600) size computer bag. I have the 897 tuner fitted on the left hand side of the radio. I also put the microphone inside with the 897. In the accessoreis part of the bag I put the SG211 tuner, about 40 foot of coax, Cat cables. I only use the stereo inputs and outlets of the laptop to interface to the radio. I am not sure how you would get on taking the radio on board a plane (have not tried that yet). In another similar size laptop bag I take my laptops (Toughbook CF-29, Dell D610) and associated hardware.

Graeme VK4RD

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30370. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-14 17:41:19 UTC
From: ice_berg_
Topic: 30315 Message: 30370

--- In FT897@yahoogroups.com, "tomglaab" <tglaab@...> wrote:
>
> > In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC?
>
> Not sure what you're asking... there's pretty much just one way to hook the CAT cable to the computer. If you're talking about an antenna tuner, mine (LDG AT-897) has a second port so I just daisy-chain the PC, antenna tuner, and radio.
>
> I have a USB-CAT cable, and use the FT-857 drivers in FLDIGI to control my radio. My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it. But for tuning the radio it works just fine.
>
> I've also used the WSJT/WSPR software with CAT to tune the radio.
>
> tg.
> AJ4UQ.
>

Ok, I did not know there was a passthrough port on the LDG tuners. What about options for the data port for packet/sstv and other data modes? Are the cables for that all pretty much the same or are there some considered better than others?

Another thing I am interested in is using the PC as a DSP for audio. I found several old programs that will do it but none of them will run in modern 64bit OSes. At least not the ones I have tried so far. Are there any software DSP options that are still maintained?

Bryan
KB9YEN

30371. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-15 02:08:06 UTC
From: stykemup
Topic: 30315 Message: 30371

I don't think Yaesu has anything to do with controlling xmit power.

"My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it".

HRD 857/897 CAT has a slider to adjust power output on HF, 2m and 70cm.

Bill

30372. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-15 10:10:05 UTC
From: ke5dfr@sbcglobal.net
Topic: 30315 Message: 30372

I believe that the only LDG with the CAT port pass through is the AT897 tuner. My AT 200Pro does not have this feature.

I ran HRD and DM470 on mine with the AT897 tuner. I also used the AT200pro tuner with it and also ran HRD and DM470. The AT200 Pro worked fine through the ACC port.
73,
KE5DFR
Ken

--- In FT897@yahoogroups.com, "ice_berg_" <iceberg@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "tomglaab" <tglaab@> wrote:
> >
> > > In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC?
> >
> > Not sure what you're asking... there's pretty much just one way to hook the CAT cable to the computer. If you're talking about an antenna tuner, mine (LDG AT-897) has a second port so I just daisy-chain the PC, antenna tuner, and radio.
> >
> > I have a USB-CAT cable, and use the FT-857 drivers in FLDIGI to control my radio. My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it. But for tuning the radio it works just fine.
> >
> > I've also used the WSJT/WSPR software with CAT to tune the radio.
> >
> > tg.
> > AJ4UQ.
> >
>

30373. 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-15 00:00:46 UTC
From: bjgsyr
Topic: 30373 Message: 30373

I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?

30374. Re: TX Watch at FT-897

Yahoo group: FT897 (2010)
Date: 2010-06-16 06:53:56 UTC
From: jackvanderhout
Topic: 30308 Message: 30374

Well there is some function under menu-G called DW (C button) and that will scan between your VFO-A and VFO-B

Rgds and best 73's
Jack, 79WO189

--- In FT897@yahoogroups.com, "dj1tu" <dj1tu@...> wrote:
>
> Hello,
>

30375. CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-14 21:26:24 UTC
From: Patrick
Topic: 30375 Message: 30375

HI I just bought off a friend an FT897D with 2 x internal batteries
i have to charger and i have done what the manual says on how to charge
the batteries, ok so i plug the charger into the charge battery socket A or B at the rear and select the A or B toggle switch on the top then i plug the DC cable from my PSU into the connectot on the charger.
Then i get a steady solid RED led in either the A or B on the front
after a few hours the solid red led changes to flashing/blinking

Can you please tell me what these both mean as i was expecting the red led to go off after a charge of 4 hours as per the manual

Patrick GW1SXN

30376. Re: [FT897] 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-16 23:39:30 UTC
From: DALE
Topic: 30373 Message: 30376

----- Original Message -----
From: "bjgsyr" <bjgsyr@...>
To: FT897@yahoogroups.com
Sent: Monday, June 14, 2010 5:00:46 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] 10 METER ISSUE

I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?

You need to study and learn about HF propagation at different frequencies .

It is all hit and miss on 10.

dale

[Non-text portions of this message have been removed]

30377. RE: [FT897] 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-17 00:18:13 UTC
From: eric@van-de-weyer.org
Topic: 30373 Message: 30377

Hi,

firstly, please sign your messages with name and callsign. that way we know
who to address in replies.

Second, please don't type in all upper case (capitals) it makes it much harder
to read and is often considered to be shouting.

Now, to answer your question about hearing the remote station but not the
local ones, that is basic propagation, as you are obviously in the skip zone
for the local station but are getting skip from the remote one. This means
that, for the remote station, you are located in an area where the signal
comes back to the ground from being refracted by the ionosphere (one or more
times) but you are too close to get the skip from the local station but are
also beyond the reach of the ground wave from them. Therefore you cannot
hear them.

For more information, I suggest that you read up on basic HF propagation
in the ARRL handbook or some other publication or on the net.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "bjgsyr" <bjgsyr@...>
>Date: Tue, 15 Jun 2010 00:00:46 -0000
>Subject: [FT897] 10 METER ISSUE
>Reply-To: FT897@yahoogroups.com
>
>
>I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN
>RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I
>HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT
>AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS
>IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES
>GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?
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30378. Re: [FT897] 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-17 00:46:27 UTC
From: Michael Hughey
Topic: 30373 Message: 30378

I worked three stations while mobile near Ft Collins, Colorado last Saturday with..... a 102 inch whip connected straight into the FT-897D with no tuner, screwed into a 4-magnet mag mount on top of my truck. I talked to Los Angeles and Tucson. My FC-30 tuner will tune it on 10m and 12m, but nothing else. I haven't tried with my MFJ-941 yet. Also, I've discovered that if I turn on the IPO (essentially turning OFF the pre-amp), I can hear signals a lot better. Also, turning on the AGC helps. Try it (the 102 inch whip), you might be surprised. It worked better on 10m than my ATAS-120. I didn't get a chance to try on 10m that night with my G5RV because the band eventually faded out. You don't have to buy a new one. You can probably find a used one at someone's garage sale or a CB shop at a truck stop.

Also, is your antenna near any metal or metal structures like a ventilation turban or other vent pipe? Things like this can cause relections and multi-pathing can occur. In the Navy we had a problem nicknamed the "rusty bolt effect". Things such as paint boats, .50 cal gun mounts, etc. would cause problems. Even a cheap antenna will perform IF it's installed right.

Mike-KF4DUS

From: DALE <wa7ixk@...>
To: FT897@yahoogroups.com
Sent: Wed, June 16, 2010 5:39:30 PM
Subject: Re: [FT897] 10 METER ISSUE

----- Original Message -----
From: "bjgsyr" <bjgsyr@...>
To: FT897@yahoogroups.com
Sent: Monday, June 14, 2010 5:00:46 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] 10 METER ISSUE

I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?

You need to study and learn about HF propagation at different frequencies .

It is all hit and miss on 10.

dale

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30379. Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-17 00:53:29 UTC
From: Michael Hughey
Topic: 30375 Message: 30379

Flashing battery lights on the front panel usually mean that the battery charge is low. Flipping the A/B switch has no effect on charging. When the red LED on the charger goes out, that battery is fully charged.

Mike-KF4DUS

From: Patrick <patrick.obrien47@...>
To: FT897@yahoogroups.com
Sent: Mon, June 14, 2010 3:26:24 PM
Subject: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

HI I just bought off a friend an FT897D with 2 x internal batteries
i have to charger and i have done what the manual says on how to charge
the batteries, ok so i plug the charger into the charge battery socket A or B at the rear and select the A or B toggle switch on the top then i plug the DC cable from my PSU into the connectot on the charger.
Then i get a steady solid RED led in either the A or B on the front
after a few hours the solid red led changes to flashing/blinking

Can you please tell me what these both mean as i was expecting the red led to go off after a charge of 4 hours as per the manual

Patrick GW1SXN

[Non-text portions of this message have been removed]

30380. Re: [FT897] Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-17 01:07:39 UTC
From: Michael Hughey
Topic: 30365 Message: 30380

Personally, I would put a simple coax switch in. I wouldn't trust the di-plexer not to rob power output.

Mike-KF4DUS

From: Sean <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Sun, June 13, 2010 8:33:08 PM
Subject: [FT897] Splitting HF & 50 MHz antennas

Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
Thanks!
73 W7TRD
Sean

[Non-text portions of this message have been removed]

30381. Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-17 10:08:18 UTC
From: Patrick
Topic: 30375 Message: 30381

Many thanks Mike,
So what does the RED LED mean whn i first start
to charge the battery ? i timed it and it stayed a steady red for about 1
hour rhen it started to flash or blink and i left it charge for more thn 4
hours
plus .. and the red led did not switch off
So maybe i should leave it on charge for as long as it takes then to see
what happends

Patrick GW1SXN
----- Original Message -----
From: "Michael Hughey" <rsq14emt@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, June 17, 2010 1:53 AM
Subject: Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Flashing battery lights on the front panel usually mean that the battery
charge is low. Flipping the A/B switch has no effect on charging. When the
red LED on the charger goes out, that battery is fully charged.

Mike-KF4DUS

_____
From: Patrick <patrick.obrien47@...>
To: FT897@yahoogroups.com
Sent: Mon, June 14, 2010 3:26:24 PM
Subject: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

HI I just bought off a friend an FT897D with 2 x internal batteries
i have to charger and i have done what the manual says on how to charge
the batteries, ok so i plug the charger into the charge battery socket A or
B at the rear and select the A or B toggle switch on the top then i plug the
DC cable from my PSU into the connectot on the charger.
Then i get a steady solid RED led in either the A or B on the front
after a few hours the solid red led changes to flashing/blinking

Can you please tell me what these both mean as i was expecting the red led
to go off after a charge of 4 hours as per the manual

Patrick GW1SXN

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.829 / Virus Database: 271.1.1/2941 - Release Date: 06/16/10
07:35:00

30382. Re: 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-17 14:07:03 UTC
From: vk6ro
Topic: 30373 Message: 30382

gday

The USA is in the middle of the summer Sporadic E season at the moment.

Es [sporadic e] can be very selective and can even do strange things when a ham neighbour say 5 miles away will be working stations that you cannot even copy etc.

I am not saying this was your actual problem, but Es can be S9 one minute and fade down to S1 or fade out completely in a few seconds.

My immediate thought when i read your post was "lack of propagation or unstable prop"

Es can do really weird things at times.

You should have heaps of fun on 10 metres during your Es season up there in USA

cheers from about 12000 miles south west of new york

Graham VK6RO

30383. Re: 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-17 14:59:24 UTC
From: Leon Singh
Topic: 30373 Message: 30383

My suggestion....Hop on down to the 11m band , where there is a ton load of radio activity and see if you are copying stations around.....
Sometimes 11m is wide open and not much activity on 10m ..... We in the carribean are hearing lots of US stations (some freq to check are 27.555 usb - 27.455 usb).
I monitor 11m to help me look for 6m opening during the Sporadic E season.

--

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

30384. Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 04:05:37 UTC
From: bw3us
Topic: 30365 Message: 30384

Correct Sean.
2 feeds in 1 feed out. One goes to the HF and the other goes to the 6 meters.
Bill

>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, June 13, 2010 8:33:08 PM
> Subject: [FT897] Splitting HF & 50 MHz antennas
>
>
> Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
> Thanks!
> 73 W7TRD
> Sean
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>
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>
>
> [Non-text portions of this message have been removed]
>

30385. Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 04:15:08 UTC
From: stykemup
Topic: 30365 Message: 30385

Hold on Sean... if there are 2 different antennas use a switch, not a diplexer. If they're 1 antenna with multi bands like 2 meters and 6 meters then you would use a diplexer. I misread your post. I use a B&W 2 position switch (manual) to switch between my 160 dipole and my G5RV.
Sorry about the mistake in my first answer, my fault.
Bill

--- In FT897@yahoogroups.com, "bw3us" <k3waw@...> wrote:
>
> Correct Sean.
> 2 feeds in 1 feed out. One goes to the HF and the other goes to the 6 meters.
> Bill
>
> >
> >
> >
> >
> > _____
> > From: Sean <kamaaina1@>
> > To: FT897@yahoogroups.com
> > Sent: Sun, June 13, 2010 8:33:08 PM
> > Subject: [FT897] Splitting HF & 50 MHz antennas
> >
> >
> > Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
> > Thanks!
> > 73 W7TRD
> > Sean
> >
> >
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> >
> >
> > [Non-text portions of this message have been removed]
> >
>

30386. Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 04:22:07 UTC
From: bw3us
Topic: 30365 Message: 30386

Mike is right Sean... I miss read your post. 2 seperate antennas need a switch, not a diplexer.
Sorry, Bill

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> Personally, I would put a simple coax switch in.Â I wouldn't trust the di-plexer not to rob power output.
>
> Mike-KF4DUS
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, June 13, 2010 8:33:08 PM
> Subject: [FT897] Splitting HF & 50 MHz antennas
>
> Â
> Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
> Thanks!
> 73 W7TRD
> Sean
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> [Non-text portions of this message have been removed]
>

30387. Re: [FT897] Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 05:42:28 UTC
From: Bernie Hildebrand
Topic: 30365 Message: 30387

You can use a diplexor as long as you find one that has one side dedicated to the hf antenna and the other side to the 6 M band i.e. 1 to 30 Mhz and 40 to 144 Mhz

Bernie
W8NBC

--- On Fri, 6/18/10, bw3us <k3waw@...> wrote:

From: bw3us <k3waw@...>
Subject: [FT897] Re: Splitting HF & 50 MHz antennas
To: FT897@yahoogroups.com
Date: Friday, June 18, 2010, 12:22 AM

Mike is right Sean... I miss read your post. 2 seperate antennas need a switch, not a diplexer.
Sorry, Bill

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> Personally, I would put a simple coax switch in.Â I wouldn't trust the di-plexer not to rob power output.
>
> Mike-KF4DUS
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, June 13, 2010 8:33:08 PM
> Subject: [FT897] Splitting HF & 50 MHz antennas
>
> Â
> Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
> Thanks!
> 73 W7TRD
> Sean
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

30388. RE: [FT897] Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 13:56:00 UTC
From: Eric van de Weyer
Topic: 30365 Message: 30388

Guys,

you can also use a diplexer the other way around and feed 2 different antennae into the one radio . I do it here myself with my 897 to split HF and 6M using a Comet CF-360.

Sure, there is a very slight insertion loss, a fraction of a dB, but it is negligible in the scheme of things. Remember that a diplexer can be used in either direction either to split 2 antennae to one radio or two radios to one antenna.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of bw3us
Sent: Friday, 18 June 2010 14:22
To: FT897@yahoogroups.com
Subject: [FT897] Re: Splitting HF & 50 MHz antennas

Mike is right Sean... I miss read your post. 2 seperate antennas need a switch, not a diplexer.
Sorry, Bill

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> Personally, I would put a simple coax switch in.Â I wouldn't trust the di-plexer not to rob power output.
>
> Mike-KF4DUS
>
>
>
>
> _____
> From: Sean <kamaaina1@...>
> To: FT897@yahoogroups.com
> Sent: Sun, June 13, 2010 8:33:08 PM
> Subject: [FT897] Splitting HF & 50 MHz antennas
>
> Â
> Just to clarify that I should use a diplexer to split the output from the radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft. jumper to the input of the diplexer, then connect the two different antenna feed lines to the out? Is this correct?
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> 73 W7TRD
> Sean
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> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

30389. Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 15:13:39 UTC
From: Sean
Topic: 30365 Message: 30389

Which is better, a coax/antenna switch, or a diplexer?

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Guys,
>
> you can also use a diplexer the other way around and feed 2 different
> antennae into the one radio . I do it here myself with my 897 to split HF
> and 6M using a Comet CF-360.
>
> Sure, there is a very slight insertion loss, a fraction of a dB, but it is
> negligible in the scheme of things. Remember that a diplexer can be used in
> either direction either to split 2 antennae to one radio or two radios to
> one antenna.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> bw3us
> Sent: Friday, 18 June 2010 14:22
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Splitting HF & 50 MHz antennas
>
> Mike is right Sean... I miss read your post. 2 seperate antennas need a
> switch, not a diplexer.
> Sorry, Bill
>
> --- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@> wrote:
> >
> > Personally, I would put a simple coax switch in.Â I wouldn't trust the
> di-plexer not to rob power output.
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> > Mike-KF4DUS
> >
> >
> >
> >
> > _____
> > From: Sean <kamaaina1@>
> > To: FT897@yahoogroups.com
> > Sent: Sun, June 13, 2010 8:33:08 PM
> > Subject: [FT897] Splitting HF & 50 MHz antennas
> >
> > Â

> > Just to clarify that I should use a diplexer to split the output from the
> radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft.
> jumper to the input of the diplexer, then connect the two different antenna
> feed lines to the out? Is this correct?
> > Thanks!
> > 73 W7TRD
> > Sean
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> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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30390. Re: [FT897] Re: Splitting HF & 50 MHz antennas

Yahoo group: FT897 (2010)
Date: 2010-06-18 16:20:02 UTC
From: Bernie Hildebrand
Topic: 30365 Message: 30390

with a diplexer there is no forgetting to switch to the right antenna. I is automatic. Just dial up the 6M freq. and transmit. I my self have forgotten to switch over to the right antenna. That is when I changed to a diplexer.

Bernie
W8NBC

--- On Fri, 6/18/10, Sean <kamaaina1@...> wrote:

From: Sean <kamaaina1@...>
Subject: [FT897] Re: Splitting HF & 50 MHz antennas
To: FT897@yahoogroups.com
Date: Friday, June 18, 2010, 11:13 AM

Which is better, a coax/antenna switch, or a diplexer?

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Guys,
>
> you can also use a diplexer the other way around and feed 2 different
> antennae into the one radio . I do it here myself with my 897 to split HF
> and 6M using a Comet CF-360.
>
> Sure, there is a very slight insertion loss, a fraction of a dB, but it is
> negligible in the scheme of things. Remember that a diplexer can be used in
> either direction either to split 2 antennae to one radio or two radios to
> one antenna.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> bw3us
> Sent: Friday, 18 June 2010 14:22
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Splitting HF & 50 MHz antennas
>
> Mike is right Sean... I miss read your post. 2 seperate antennas need a
> switch, not a diplexer.
> Sorry, Bill
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> --- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@> wrote:
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> > Sent: Sun, June 13, 2010 8:33:08 PM
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> > Â
> > Just to clarify that I should use a diplexer to split the output from the
> radio to the HF antenna and to a 6 meter antenna. Should I just use a 3ft.
> jumper to the input of the diplexer, then connect the two different antenna
> feed lines to the out? Is this correct?
> > Thanks!
> > 73 W7TRD
> > Sean
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> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

30391. ft 897 2 sale

Yahoo group: FT897 (2010)
Date: 2010-06-18 16:59:54 UTC
From: Ray
Topic: 30391 Message: 30391

I have ft-897 and the fc-30 antenna tuner for sale. radio was used as back up for my ft 2000. radio has mars mod. done. non smoker, radio comes with original box and manual, mh-31 mic. power cord. Asking $650.00 fer radio will sell both for $725.00 i am orignal owner. I will pay half the shipping costs.

If interested please contac me at k4zoo@...

Tnx fer reading

Ray k4zoo in Virginia

30392. Leaving your rig on all day to monitor???

Yahoo group: FT897 (2010)
Date: 2010-06-18 18:17:54 UTC
From: Sean
Topic: 30392 Message: 30392

May be a silly question but, Any harm leaving our rigs on all day to monitor traffic? Would it be better just to leave the rig on, instead of turning it on & off every time you leave & enter the shack several times a day....

W7TRD
73 Sean

30393. Leaving your rig on all day to monitor???

Yahoo group: FT897 (2010)
Date: 2010-06-18 18:45:25 UTC
From: Leon Singh
Topic: 30392 Message: 30393

My radios stay on all day ... for the last 2 yrs

--

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

30394. Re: Leaving your rig on all day to monitor???

Yahoo group: FT897 (2010)
Date: 2010-06-18 18:54:10 UTC
From: Hank
Topic: 30392 Message: 30394

I don't think it's a problem with the radio itself, but here in Florida it's a bad idea during the summer. I am watching a severe thunderstorm roll in right now with heavy lightning and even some hail. During the Winter months I leave it on.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> May be a silly question but, Any harm leaving our rigs on all day to monitor traffic? Would it be better just to leave the rig on, instead of turning it on & off every time you leave & enter the shack several times a day....
>
> W7TRD
> 73 Sean
>

30395. Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-19 00:20:25 UTC
From: Michael Hughey
Topic: 30375 Message: 30395

If I would have to guess, it may be (front panel LED) an indicator of which socket you are plugged into the back. I wait until the LED on the charger goes out. I've also successfully charged it in my truck. Yaesu documentation usually is lacking. I recently purchased an Alinco DJ-G7 and had it not been for local help, I would have never been able to program or operate it. I think the writers of the Alinco and Yaesu mauals may be close cousins.

Mike - KF4DUS

From: Patrick <patrick.obrien47@...>
To: FT897@yahoogroups.com
Sent: Thu, June 17, 2010 4:08:18 AM
Subject: Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Many thanks Mike,
So what does the RED LED mean whn i first start
to charge the battery ? i timed it and it stayed a steady red for about 1
hour rhen it started to flash or blink and i left it charge for more thn 4
hours
plus .. and the red led did not switch off
So maybe i should leave it on charge for as long as it takes then to see
what happends

Patrick GW1SXN
----- Original Message -----
From: "Michael Hughey" <rsq14emt@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, June 17, 2010 1:53 AM
Subject: Re: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Flashing battery lights on the front panel usually mean that the battery
charge is low. Flipping the A/B switch has no effect on charging. When the
red LED on the charger goes out, that battery is fully charged.

Mike-KF4DUS

From: Patrick <patrick.obrien47@...>
To: FT897@yahoogroups.com
Sent: Mon, June 14, 2010 3:26:24 PM
Subject: [FT897] CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

HI I just bought off a friend an FT897D with 2 x internal batteries
i have to charger and i have done what the manual says on how to charge

the batteries, ok so i plug the charger into the charge battery socket A or B at the rear and select the A or B toggle switch on the top then i plug the DC cable from my PSU into the connectot on the charger.
Then i get a steady solid RED led in either the A or B on the front
after a few hours the solid red led changes to flashing/blinking

Can you please tell me what these both mean as i was expecting the red led to go off after a charge of 4 hours as per the manual

Patrick GW1SXN

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.829 / Virus Database: 271.1.1/2941 - Release Date: 06/16/10 07:35:00

[Non-text portions of this message have been removed]

30396. Re: TX Watch at FT-897

Yahoo group: FT897 (2010)
Date: 2010-06-20 06:08:25 UTC
From: dj1tu
Topic: 30308 Message: 30396

Hello
Thanks for the answers.

Dual watch isn't listening simultaniously to both frequencies, which would be perfect. But it switched every five seconds, if the squelch opens. This was described earlier:

Message 28330 Re: [FT897] Re: Dual Receive Active

Bo:

This should be the indication for the "Dual Watch" feature in which the
radio periodically checks an alternate frequency. See pages 15, 49, and
50 in the operating manual for more information. It is, however, not a
simultaneous "dual receive" function as is found in some other units.

Chuck - N8DNX

You can use A/B witch to monitor the dx-Spot, but don't tune the DX frequency (like 14.195 or 21.024 on A VFO).

73 de DJ1TU

--- In FT897@yahoogroups.com, "jackvanderhout" <79wo189@...> wrote:
>
> Well there is some function under menu-G called DW (C button) and that will scan between your VFO-A and VFO-B
>
> Rgds and best 73's
> Jack, 79WO189
>
>
>
>
> --- In FT897@yahoogroups.com, "dj1tu" <dj1tu@> wrote:
> >
> > Hello,
> >
>

30397. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-21 04:14:26 UTC
From: iceberg iceberg
Topic: 30315 Message: 30397

Ok, I guess I haven't gotten a clear answer to what Im looking for. So to start off with these are the things I'm looking to do:

psk31
pactor1
rtty
sstv
PC side DSP of incoming audio
PC side DSP/Shaping of outgoing audio(multi mic for noise reduction)
FULL PC Control of the 897D
Eventually satellite uplink/control though possibly not with the 897D I don't know.

I will also be looking into working with some people on some new digital modes.

Now, what I have looked at:

Rigblaster Pro
Tigertronics SL-1+

I dont know what else is out there hardware wise and what is most compatible with most software and what hardware is going to be easiest to write new software for.

I appreciate any input.

Bryan
KB9YEN
www.kb9yen.com

--- In FT897@yahoogroups.com, "ke5dfr@..." <ke5dfr@...> wrote:
>
> I believe that the only LDG with the CAT port pass through is the AT897 tuner. My AT 200Pro does not have this feature.
>
> I ran HRD and DM470 on mine with the AT897 tuner. I also used the AT200pro tuner with it and also ran HRD and DM470. The AT200 Pro worked fine through the ACC port.
> 73,
> KE5DFR
> Ken
>
> --- In FT897@yahoogroups.com, "ice_berg_" <iceberg@> wrote:
> >
> >
> >
> > --- In FT897@yahoogroups.com, "tomglaab" <tglaab@> wrote:
> > >
> > > In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC?

> > >
> > > Not sure what you're asking... there's pretty much just one way to hook the CAT cable to the computer. If you're talking about an antenna tuner, mine (LDG AT-897) has a second port so I just daisy-chain the PC, antenna tuner, and radio.
> > >
> > > I have a USB-CAT cable, and use the FT-857 drivers in FLDIGI to control my radio. My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it. But for tuning the radio it works just fine.
> > >
> > > I've also used the WSJT/WSPR software with CAT to tune the radio.
> > >
> > > tg.
> > > AJ4UQ.
> > >
> >
>

30398. Re: [FT897] Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-21 08:46:57 UTC
From: josedouglas@yahoo.com
Topic: 30315 Message: 30398

Bryan,

I use the Signalink USB sound card interface; pretty much plug and play after you open the unit and install a couple of jumpers as per their instructions. A friend of mine uses both the Signalink and the Rigblaster, he seems to do fine with the Rigblaster as well.
Signalink goes for about USD$100.
For computer control I use Ham Radio Deluxe. It doesn't do full control of the 897, but it is adequate for me.
Digitally I use mostly winmor (winklink.org) for e-mail w/o using the internet and for peer to peer.
For PSK31, etc. I use Fldigi.
We're planning to do PSK31 using an 857 w/Rigblaster this Saturday on field day.

Hope I was of some help.

73 de Jose Douglas - KB1TCD
Round Pond, ME

From: iceberg iceberg <iceberg@...>
To: FT897@yahoogroups.com
Sent: Mon, June 21, 2010 12:14:26 AM
Subject: [FT897] Re: CAT/Data Tuner+PC Best Setup?

Ok, I guess I haven't gotten a clear answer to what Im looking for. So to start off with these are the things I'm looking to do:

psk31
pactor1
rtty
sstv
PC side DSP of incoming audio
PC side DSP/Shaping of outgoing audio(multi mic for noise reduction)
FULL PC Control of the 897D
Eventually satellite uplink/control though possibly not with the 897D I don't know.

I will also be looking into working with some people on some new digital modes.

Now, what I have looked at:

Rigblaster Pro
Tigertronics SL-1+

I dont know what else is out there hardware wise and what is most compatible with most software and what hardware is going to be easiest to write new software for.

I appreciate any input.

Bryan
KB9YEN
www.kb9yen.com

--- In FT897@yahoogroups.com, "ke5dfr@..." <ke5dfr@...> wrote:
>
> I believe that the only LDG with the CAT port pass through is the AT897 tuner. My AT 200Pro does not have this feature.
>
> I ran HRD and DM470 on mine with the AT897 tuner. I also used the AT200pro tuner with it and also ran HRD and DM470. The AT200 Pro worked fine through the ACC port.
> 73,
> KE5DFR
> Ken
>
> --- In FT897@yahoogroups.com, "ice_berg_" <iceberg@> wrote:
> >
> >
> >
> > --- In FT897@yahoogroups.com, "tomglaab" <tglaab@> wrote:
> > >
> > > > In everyone's experience what have you found to be the way to set up the FT-897D with one of the CAT Tuners and a PC?
> > >
> > > Not sure what you're asking... there's pretty much just one way to hook the CAT cable to the computer. If you're talking about an antenna tuner, mine (LDG AT-897) has a second port so I just daisy-chain the PC, antenna tuner, and radio.
> > >
> > > I have a USB-CAT cable, and use the FT-857 drivers in FLDIGI to control my radio. My biggest disappointment with CAT is that Yaesu doesn't let you control transmit power with it. But for tuning the radio it works just fine.
> > >
> > > I've also used the WSJT/WSPR software with CAT to tune the radio.
> > >
> > > tg.
> > > AJ4UQ.
> > >
> >
>

[Non-text portions of this message have been removed]

30399. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-21 19:07:51 UTC
From: iceberg iceberg
Topic: 30315 Message: 30399

Yeas, hit helps quite about. What about DPS processing with a sound cad? Have you tried this? Is there even any software that will let you do it that runs on modern 64bit only computers?

I have the ability to run Window7 64bit but mostly I run Snow Leopard in full 64bit mode or Ubuntu 64bit.

Bryan
KB9YEN

--- In FT897@yahoogroups.com, <josedouglas@...> wrote:
>
> Bryan,
>
> I use the Signalink USB sound card interface; pretty much plug and play after you open the unit and install a couple of jumpers as per their instructions. A friend of mine uses both the Signalink and the Rigblaster, he seems to do fine with the Rigblaster as well.
> Signalink goes for about USD$100.
> For computer control I use Ham Radio Deluxe. It doesn't do full control of the 897, but it is adequate for me.
> Digitally I use mostly winmor (winklink.org) for e-mail w/o using the internet and for peer to peer.
> For PSK31, etc. I use Fldigi.
> We're planning to do PSK31 using an 857 w/Rigblaster this Saturday on field day.
>
> Hope I was of some help.
>
> 73 de Jose Douglas - KB1TCD
> Round Pond, ME
>
>

30400. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-22 11:11:04 UTC
From: JonP
Topic: 30315 Message: 30400

Be careful with the concept of DPS processing when using digital on an FT-857 or FT-897. Unfortunately, the DPS in the 857/897 is in the audio stage and not in the IF stage. As a result, the IF stage is dealing with many strong signals that are close together (especially PSK), with the result that only the strong survive. Most everything else gets overwhelmed to some extent before they even get to the DSP or the soundcard.

I've found that a 300 Hz filter (W4RT or Collins) in the IF stage makes a tremendous difference. I have the W4RT filter in my 897, and by careful tuning with the filter engaged, I can pick out quite a number of weak signals that I just can't get with the 897's built-in DSP or even with computer-based DSP. My success rate with PSK has doubled or tripled since I got the filter -- and that's over and above use of the 897's DSP capability.

Jon
KB1QBZ

P.S. My club's FD coordinator doesn't believe me yet, but I keep telling him that we're going to get more points from digital (especially PSK and RTTY) than we will from CW.

30401. cat control

Yahoo group: FT897 (2010)
Date: 2010-06-22 14:13:52 UTC
From: wb9onu_jerry
Topic: 30401 Message: 30401

has anyone try to control the ft897d thur the cat control using a packet tnc and running audio thru a repeater?

jerry wb9onu

30402. CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-23 11:46:38 UTC
From: taxman651
Topic: 30402 Message: 30402

I'm about to pick up a CT-62 cable. Its been suggested that USB interface cables are more suceptable to RFI than are straight serial interface cables. Has anybody experienced any RFI issues with either that they would care to comment on? I'm leaning toward USB just for the convenience.

Thanks,

Bob K1TAX

30403. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-23 12:22:12 UTC
From: Alan E. Lutz
Topic: 30402 Message: 30403

K1TAX Bob,

I occasionally have the CAT control software (HRD) to the radio (FT-897) freeze up on me. I had not been able to determine what the issue was, but since you have mentioned RFI, it is very likely that is the culprit. I have locked up a computer with RFI from a too-close 2-meter antenna before.

73 de Alan
AE1NH

----- Original Message -----
From: "taxman651" <k1tax@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 23, 2010 7:46:38 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] CT-62 Serial vs USB

I'm about to pick up a CT-62 cable. Its been suggested that USB interface cables are more suceptable to RFI than are straight serial interface cables. Has anybody experienced any RFI issues with either that they would care to comment on? I'm leaning toward USB just for the convenience.

Thanks,

Bob K1TAX

[Non-text portions of this message have been removed]

30404. Virtually New FT897D for Sale

Yahoo group: FT897 (2010)
Date: 2010-06-22 00:31:48 UTC
From: brian_ab3hn
Topic: 30404 Message: 30404

Greetings,

Putting my FT897D with Collins CW filter and Astron PS up for sale. I purchased it new at HRO in June, '06. It's never been used for a QSO! Original cartons for the XCVR. 100% mint and working order. Sick of antenna restrictions and high ambient electrical noise. Need $$$ to buy a new mandolin. :-)

Best offer accepted.

73,

AB3HN
Lancaster, PA

ab3hn@comcast.net

30405. Programming of ABC buttons

Yahoo group: FT897 (2010)
Date: 2010-06-22 09:04:28 UTC
From: dal_xaris
Topic: 30405 Message: 30405

Hi all,
I am wondering if anyone knows anything about programming the ABC keys? Please forgive me if this has been raised before, I did search the group post but couldn't locate any information.

I currently use a manual antenna tuner, and am using the ACC jack on the rear of the rig, switched to ground to send a TX request, putting the rig into tx mode and sending a CW carrier for tuning up.

I was told by someone that I can program one of the buttons to do this, but he didn't give me very specific information and to date I haven't figured it out on my own.

So if anyone can help I would be very grateful.

Cheers
Dale

30406. Lost interface cable to LDG tuner.

Yahoo group: FT897 (2010)
Date: 2010-06-23 00:25:59 UTC
From: Houndog_1
Topic: 30406 Message: 30406

Does anyone have any wiring info for the interface cable which runs between a LDG Z-100 and a FT857 or 897.
As simple as it looked one could probably build there own with a little more length even.

Thanks,

Terry ,

WA0DTH

30407. Re: [FT897] Lost interface cable to LDG tuner.

Yahoo group: FT897 (2010)
Date: 2010-06-23 18:02:47 UTC
From: Alan E. Lutz
Topic: 30406 Message: 30407

WA0DTH Terry,

Check the files section. That's where I found the info to make mine.

73 de Alan
AE1NH

----- Original Message -----
From: "Houndog_1" <kansas_tech206@...>
To: FT897@yahoogroups.com
Sent: Tuesday, June 22, 2010 8:25:59 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] Lost interface cable to LDG tuner.

Does anyone have any wiring info for the interface cable which runs between a LDG Z-100 and a FT857 or 897.
As simple as it looked one could probably build there own with a little more length even.

Thanks,

Terry ,

WA0DTH

[Non-text portions of this message have been removed]

30408. Re: [FT897] Lost interface cable to LDG tuner.

Yahoo group: FT897 (2010)
Date: 2010-06-23 18:32:03 UTC
From: af2c@njdxa.org
Topic: 30406 Message: 30408

Unless I'm mistaken, the interface cable for the LDG Z-100 and the 857 is exactly the same as the same (Y-ACC) as the one for the one for LDG-100 pro.

The interface cable consists of short length of 2 conductor (shield and center conductor) cable and two stereo plugs (3.5 mm) preferable one red and one black.

The wiring as follows:

shield - bottom ring to bottom ring
center conductor - red (rig side) center ring to black tip (LDG side)
The center ring on the black (LDG) side gets NO Connection
Rhe tip on the Red get NO Connection)

73,
Jay/AF2C

At 12:25 AM 6/23/2010 +0000, you wrote:
>
>
>Does anyone have any wiring info for the interface cable which runs
>between a LDG Z-100 and a FT857 or 897.
>As simple as it looked one could probably build there own with a little
>more length even.
>
>Thanks,
>
>Terry ,
>
>WA0DTH
>
>

[Non-text portions of this message have been removed]

30409. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-23 21:33:31 UTC
From: Tom Glaab
Topic: 30315 Message: 30409

> Ok, I guess I haven't gotten a clear answer to what Im looking for.
> So to start off with these are the things I'm looking to do:
>
> psk31 pactor1 rtty sstv

These are all things you can do in software regardless of the CAT control. I personally use FLDIGI for PSK and related; MultiPSK fills in the SSTV, PACTOR, and some others. If you're in a quiet room, you can skip the interface box and hold the microphone up to the computer speakers... just don't expect to type quickly with one hand. I did buy a SignaLinkUSB interface; the biggest selling point is that it has its own sound card. You don't have to worry about your system "ding!" noises going out over the air.

> FULL PC Control of the 897D

The 897D has a limited set of commands. FLDIGI, HRD, WSJT and others support them.

> Eventually satellite uplink/control though possibly not with the 897D

A ham here is using a combination of 897D and 817ND radios for satellite contacts. He uses the 897D on uplink because it has a higher output power. He uses dual CAT controls to drive the radios, and has dual serial interfaces to a two-axis rotator. The 897D can work the SSB satellites, unlike most HTs.

tg.
AJ4UQ

[Non-text portions of this message have been removed]

30410. Re: Virtually New FT897D for Sale

Yahoo group: FT897 (2010)
Date: 2010-06-23 20:07:13 UTC
From: Carl
Topic: 30404 Message: 30410

--- In FT897@yahoogroups.com, "brian_ab3hn" <brian_ab3hn@...> wrote:
>
> Greetings,
>
> Putting my FT897D with Collins CW filter and Astron PS up for sale. I purchased it new at HRO in June, '06. It's never been used for a QSO! Original cartons for the XCVR. 100% mint and working order. Sick of antenna restrictions and high ambient electrical noise. Need $$$ to buy a new mandolin. :-)
>
And i just happen to be looking for a 897D,,,and have a virtually new mandolin in the closet!!!
carl
KF5GTE

30411. Re: 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-24 05:14:33 UTC
From: neeba
Topic: 30373 Message: 30411

bjgsyr conditions have to be just right! try calling cq near a busy channel (not too close) and see who can hear you. I never get through pilups and I run a 4 element beam so dont feel bad it happens to everybody sometime. steve n8sms

--- In FT897@yahoogroups.com, "bjgsyr" <bjgsyr@...> wrote:
>
> I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?
>

30412. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-24 08:57:38 UTC
From: KB1TCD
Topic: 30402 Message: 30412

HRD freezes on me when I have it on and go to either VHF, UHF, or 6 metre thru the 897, but only then,
Alan, I was wondering if you where on any of the above bands when it froze on you as well?

73 de Jose Douglas
KB1TCD

From: Alan E. Lutz <lutz48@...>
To: FT897@yahoogroups.com
Sent: Wed, June 23, 2010 8:22:12 AM
Subject: Re: [FT897] CT-62 Serial vs USB

K1TAX Bob,

I occasionally have the CAT control software (HRD) to the radio (FT-897) freeze up on me. I had not been able to determine what the issue was, but since you have mentioned RFI, it is very likely that is the culprit. I have locked up a computer with RFI from a too-close 2-meter antenna before.

73 de Alan
AE1NH

----- Original Message -----
From: "taxman651" <k1tax@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 23, 2010 7:46:38 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] CT-62 Serial vs USB

I'm about to pick up a CT-62 cable. Its been suggested that USB interface cables are more suceptable to RFI than are straight serial interface cables. Has anybody experienced any RFI issues with either that they would care to comment on? I'm leaning toward USB just for the convenience.

Thanks,

Bob K1TAX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30413. Re: 10 METER ISSUE

Yahoo group: FT897 (2010)
Date: 2010-06-24 11:38:53 UTC
From: ke5dfr@sbcglobal.net
Topic: 30373 Message: 30413

Just because you can hear them on 10m does not mean that they can hear you. This past weekend I was working the east coast and Great Lakes area on 10m. I use a 10 to 80M Windom dipole or my 9 band HF9V vertical. Some times one works and the other can't get through.

Do you have any loacal hams you can try a 10m contact with to see how you are doing? I presume you have the antenna tuned properly.

Also, typing in all CAPS is considered to be rude and equates to shouting on the net. Plus it is hard to read.

Ken
KE5DFR

--- In FT897@yahoogroups.com, "neeba" <swipe123@...> wrote:
>
> bjgsyr conditions have to be just right! try calling cq near a busy channel (not too close) and see who can hear you. I never get through pilups and I run a 4 element beam so dont feel bad it happens to everybody sometime. steve n8sms
>
> --- In FT897@yahoogroups.com, "bjgsyr" <bjgsyr@> wrote:
> >
> > I HAVE AN ANTRON ANTENNA(I KNOW CHEAP ANTENNA) HOOKED TO THE 897 AND I CAN RECIEVE STATIONS CLEARLY...BUT WHEN I TRY TO WORK THEM THEY CANT HEAR...I HAVE IT HOOKED TO THE HF ANTENNA CONNECTOR...I WAS ON 10 THE OTHER NIGHT AND I COULD CLEARLY HEAR A STATION IN THE MIDWET WHO WAS TALKING TO STATIONS IN MY STATE(NEW YORK) BUT I COULDNT HEAR THE NEW YORK STATION....BESIDES GETTING A BETTER 10M ANTENNA WHAT AN I DOING WRONG?
> >
>

30414. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-24 12:10:58 UTC
From: Alan E. Lutz
Topic: 30402 Message: 30414

KB1TCD Doug,

Honestly I do not recall. I will however keep this in mind and try to keep track of any relating circumstances in the furture. BTW, what version are you using. I had loaded the beta version (I am at work now and do not recall the exact version number).

73 de Alan
AE1NH

----- Original Message -----
From: "KB1TCD" <josedouglas@yahoo.com>
To: FT897@yahoogroups.com
Sent: Thursday, June 24, 2010 4:57:38 AM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] CT-62 Serial vs USB

HRD freezes on me when I have it on and go to either VHF, UHF, or 6 metre thru the 897, but only then,
Alan, I was wondering if you where on any of the above bands when it froze on you as well?

73 de Jose Douglas
KB1TCD

[Non-text portions of this message have been removed]

30415. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-24 15:49:13 UTC
From: Keith
Topic: 30402 Message: 30415

On 6/23/10 4:46 AM, "taxman651" <k1tax@...> wrote:

> I'm about to pick up a CT-62 cable. Its been suggested that USB interface
> cables are more suceptable to RFI than are straight serial interface cables.
> Has anybody experienced any RFI issues with either that they would care to
> comment on? I'm leaning toward USB just for the convenience.
>
> Thanks,
>
> Bob K1TAX
>

I had a prolific USB<-> Serial Cable that had problems with RFI. The
prolific cables are very cheap in price $5-10 on eBay. I have had no
problems with a FTDI USB<>Serial Cable and Keyspan USB<->Serial Cable. They
are more then the cheap ones, but you get what you pay for.
BTW, I live in a Apt w/ Window Mount Antenna so I am in a RF rich
environment when I transmit. ;-)

http://www.prolific.com.tw/eng/downloads.asp?ID=31

<http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=768-1013-N
D> FTDI

<http://www.amazon.com/Keyspan-Speed-Serial-Adapter-USA-19HS/dp/B0000VYJRY/r
ef=sr_1_1?ie=UTF8&s=electronics&qid=1277394421&sr=8-1>

HTH,
--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

30416. Re: CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-24 23:35:23 UTC
From: Heat
Topic: 30375 Message: 30416

I don't know if anyone else can back me up on this, but I have seen this happen with all of the Yaesu radios I own. For example, I have an FT-60R and the drop-in rapid charger. When I am charging that radio, the charging light stays on for the first several hours. As it gets close to being finished, the light blinks first rapidly and then more and more slowly until it finally turns off. I have seen this behavior with my FT-60, my VX-8 and its drop-in charger, and my FT-897D. Mine all flash as they get close to being finished and then the light turns off.

The only problem with this explanation is that eventually, my charging light turns off and I know it is finished. I don't know why yours never does.

73,
Sean
K7HTN

30417. Re:

Yahoo group: FT897 (2010)
Date: 2010-06-25 01:38:43 UTC
From: Steve McG
Topic: 30417 Message: 30417

Has anyone had problems with the "MEM/VFO CH" knob? This knob now skips and slips by the freq.

[Non-text portions of this message have been removed]

30418. Re: [FT897] Re: CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

Yahoo group: FT897 (2010)
Date: 2010-06-25 07:15:41 UTC
From: Patrick
Topic: 30375 Message: 30418

HI ,
I wonder can u do me a favour , can you measure what voltage is on
pins 1 neg and 3 positive on the CD-24 6 pin plug / do u get 16v ??
PATRICK GW1SXN
----- Original Message -----
From: "Heat" <sean_heaton@...>
To: <FT897@yahoogroups.com>
Sent: Friday, June 25, 2010 12:35 AM
Subject: [FT897] Re: CAN U HELP RE CHARGING FT897D INTERNAL BATTERIES

>I don't know if anyone else can back me up on this, but I have seen this
>happen with all of the Yaesu radios I own. For example, I have an FT-60R
>and the drop-in rapid charger. When I am charging that radio, the charging
>light stays on for the first several hours. As it gets close to being
>finished, the light blinks first rapidly and then more and more slowly
>until it finally turns off. I have seen this behavior with my FT-60, my
>VX-8 and its drop-in charger, and my FT-897D. Mine all flash as they get
>close to being finished and then the light turns off.
>
> The only problem with this explanation is that eventually, my charging
> light turns off and I know it is finished. I don't know why yours never
> does.
>
> 73,
> Sean
> K7HTN
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.829 / Virus Database: 271.1.1/2960 - Release Date: 06/24/10
07:35:00

30419. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-25 08:00:03 UTC
From: Dennis
Topic: 30417 Message: 30419

I have that problem on my 857. Most likely the internal guts are dirty,
but otherwise I do not know why. Radio has not been damaged and knobs
has not been bumped. I just deal with it...........

Dennis - N8BMB

On 06/24/2010 20:38, Steve McG wrote:
>
> Has anyone had problems with the "MEM/VFO CH" knob? This knob now
> skips and slips by the freq.
>
> [Non-text portions of this message have been removed]
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30420. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-25 10:38:34 UTC
From: KB1TCD
Topic: 30402 Message: 30420

Alan,

We're using
Ham Radio Deluxe Version 5.0 Build 2494 Beta.

73 de KB1TCD

From: Alan E. Lutz <lutz48@comcast.net>
To: FT897@yahoogroups.com
Sent: Thu, June 24, 2010 8:10:58 AM
Subject: Re: [FT897] CT-62 Serial vs USB

KB1TCD Doug,

Honestly I do not recall. I will however keep this in mind and try to keep track of any relating circumstances in the furture. BTW, what version are you using. I had loaded the beta version (I am at work now and do not recall the exact version number).

73 de Alan
AE1NH

----- Original Message -----
From: "KB1TCD" <josedouglas@...>
To: FT897@yahoogroups.com
Sent: Thursday, June 24, 2010 4:57:38 AM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] CT-62 Serial vs USB

HRD freezes on me when I have it on and go to either VHF, UHF, or 6 metre thru the 897, but only then,
Alan, I was wondering if you where on any of the above bands when it froze on you as well?

73 de Jose Douglas
KB1TCD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30421. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-25 13:23:19 UTC
From: Alan E. Lutz
Topic: 30421 Message: 30421

Steve,

Are you a new user? If you are, are you aware that you can change the STEP (in KHz) of the Mem/VFO knob?

73 de Alan
AE1NH

----- Original Message -----
From: Steve McG
To: FT897@yahoogroups.com
Sent: Thursday, June 24, 2010 9:38 PM
Subject: [FT897] Re:

Has anyone had problems with the "MEM/VFO CH" knob? This knob now skips and slips by the freq.

[Non-text portions of this message have been removed]

30422. Re: [FT897] CT-62 Serial vs USB

Yahoo group: FT897 (2010)
Date: 2010-06-25 13:28:00 UTC
From: Alan E. Lutz
Topic: 30402 Message: 30422

KB1TCD

HRD v4.1, 2321. Strange, as I checked for updates last week and it found none. Guess I need to investigate further.

73 de Alan
AE1NH

----- Original Message -----
From: KB1TCD
To: FT897@yahoogroups.com
Sent: Friday, June 25, 2010 6:38 AM
Subject: Re: [FT897] CT-62 Serial vs USB

Alan,

We're using
Ham Radio Deluxe Version 5.0 Build 2494 Beta.

73 de KB1TCD

From: Alan E. Lutz <lutz48@...>
To: FT897@yahoogroups.com
Sent: Thu, June 24, 2010 8:10:58 AM
Subject: Re: [FT897] CT-62 Serial vs USB

KB1TCD Doug,

Honestly I do not recall. I will however keep this in mind and try to keep track of any relating circumstances in the furture. BTW, what version are you using. I had loaded the beta version (I am at work now and do not recall the exact version number).

73 de Alan
AE1NH

----- Original Message -----
From: "KB1TCD" <josedouglas@...>
To: FT897@yahoogroups.com
Sent: Thursday, June 24, 2010 4:57:38 AM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] CT-62 Serial vs USB

HRD freezes on me when I have it on and go to either VHF, UHF, or 6 metre thru the 897, but only then,
Alan, I was wondering if you where on any of the above bands when it froze on you as well?

73 de Jose Douglas
KB1TCD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30423. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-26 03:38:36 UTC
From: Chip G.
Topic: 30421 Message: 30423

It's funny you say that. I was just having problems with mine tonight. I have mine set to 1khz for SSB but when I use the knob it moves 2khz. Can't seem to get it to work properly.

On Jun 25, 2010, at 09:23, Alan E. Lutz wrote:

> Are you a new user? If you are, are you aware that you can change the STEP (in KHz) of the Mem/VFO knob?

--
Chip

30424. Re: [FT897] Re: 1KHZ Mem/VFO knob

Yahoo group: FT897 (2010)
Date: 2010-06-26 12:02:54 UTC
From: PY5VB-Villas Boas
Topic: 30421 Message: 30424

Hi All

We need to adjust Mem/VFO knob to 1Khz for each VFO (A and B) and each band.
For ex: put VFO A in 80M band and Menu 82 in 1Khz, press "F" buton to
memorise this change, after this, change to VFO B in 80M band and go to
menu 82 and change it to 1KHz .... You need to do is for each band and
each VFO A/B for each band AND SSB mode, AM mode and FM mode.

This feature work very well.

73, Villas - PY5VB

Em 26/06/2010 00:38, Chip G. escreveu:
>
> It's funny you say that. I was just having problems with mine tonight.
> I have mine set to 1khz for SSB but when I use the knob it moves 2khz.
> Can't seem to get it to work properly.
>
> On Jun 25, 2010, at 09:23, Alan E. Lutz wrote:
>
> > Are you a new user? If you are, are you aware that you can change
> the STEP (in KHz) of the Mem/VFO knob?
>
> --
> Chip
>
>

[Non-text portions of this message have been removed]

30425. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-25 12:11:00 UTC
From: aduncan10
Topic: 30278 Message: 30425

I have same behaviour.
Using the MFJ-949E power meter to estimate transmition power, I get only 30 W on SSB, even I am using voice processor or increasing other parameters - MIC Gain, etc.
Any idea how to get the 100 W on SSB?

Tnx,

Duncan

--- In FT897@yahoogroups.com, "rflistner" <rflistner2000@...> wrote:
>
> When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed the following:
>
> FM I get 100 watts out
> AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
> SSB it will first peak close to 100 watts, then drop down to 25~45 watts. (Using an MFJ-949E)
> Menu #75-RF power Set is at 100.
> Menu #81-SSB Mike Gain is set at 90.
> Am I missing something or is this normal?
>

30426. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-26 13:38:23 UTC
From: Weidner - ARLHS, USCGA
Topic: 30278 Message: 30426

The behavior is normal.
Power meter is reading Average power.
If you want the max reading, you have to use a "peak reading" meter.
The AM power on the 897 is about a third the max power -- 25-35 watts is typical (see manual)
100 Watts is high for the FM output. Mine is 50 Watts.

K2JXW
Jim

☐ ☐
-------Original Message-------

From: aduncan10
Date: 6/26/2010 9:22:29 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Power out

I have same behaviour.
Using the MFJ-949E power meter to estimate transmition power, I get only 30 W on SSB, even I am using voice processor or increasing other parameters - MIC Gain, etc.
Any idea how to get the 100 W on SSB?

Tnx,

Duncan

--- In FT897@yahoogroups.com, "rflistner" <rflistner2000@...> wrote:
>
> When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed the following:
>
> FM I get 100 watts out
> AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
> SSB it will first peak close to 100 watts, then drop down to 25~45 watts. (Using an MFJ-949E)
> Menu #75-RF power Set is at 100.
> Menu #81-SSB Mike Gain is set at 90.
> Am I missing something or is this normal?
>

Yahoo! Groups Links

☐ ☐
Jim, K2JXW, Extra Class
since 1954, QCWA,
Founder & President of ARLHS
Amateur Radio Lighthouse Society
Over 1750 members worldwide and
over 4 million web site viewers.
☐ ☐
Jim Weidner
Flotilla Commander, FC-65
United States Coast Guard Aux
☐ ☐
Jim Weidner
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Jim, K2JXW, Extra Class
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☐ ☐
Jim Weidner
Flotilla Commander, FC-65
United States Coast Guard Aux

[Non-text portions of this message have been removed]

30427. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-26 14:26:08 UTC
From: af2c@njdxa.org
Topic: 30278 Message: 30427

Just some basics:

The MFJ-949E is an HF tuner (1.8 - 30 MHz). It is not designed to be used or even give accurate readings above the designed frequencies. I presume that you are talking about 100 Watts FM on frequencies other than VHF.

All tests must be made into a dummy load with the tuner in a by-pass condition.

AM - The factory sets the output to about 25W. It is normal for the rig to show a momentary higher output on AM before it cuts back to the factory setting. The operative word here is "momentary."

CW - Should give you about 100W when set (I believe this menu 075)at 100% on the menu.
SSB - See above
FM - Same as above

Start setting for SSB:

AM microphone gain - menu 005 = 50
FM microphone gain - menu 051 = 26
Processor Level - menu 074 = 13
SSB Mike Gain - menu 081 = 41

A peak reading meter is nice but not necessary for SSB. A good whistle into the microphone will give you an indication of your output on SSB. Sometimes, just taking your max reading on your meter and multiplying by about 2 will give you a fair indication of Peak output.

Remember that the above settings are just places to start. There are a number of variables...Your microphone and your voice just to mention a couple.

You mentioned that you are using a microphone gain of 90! Much, much to high!

Have fun and good luck.

73,
Jay/AF2C

At 12:11 PM 6/25/2010 +0000, you wrote:
>
>
>I have same behaviour.
>Using the MFJ-949E power meter to estimate transmition power, I get only
>30 W on SSB, even I am using voice processor or increasing other
>parameters - MIC Gain, etc.
>Any idea how to get the 100 W on SSB?
>

>Tnx,
>
>Duncan
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "rflistner"
><rflistner2000@...> wrote:
> >
> > When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed
> the following:
> >
> > FM I get 100 watts out
> > AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
> > SSB it will first peak close to 100 watts, then drop down to 25~45
> watts. (Using an MFJ-949E)
> > Menu #75-RF power Set is at 100.
> > Menu #81-SSB Mike Gain is set at 90.
> > Am I missing something or is this normal?
> >

[Non-text portions of this message have been removed]

30428. Re: ( ) Tuning rate?

Yahoo group: FT897 (2010)
Date: 2010-06-26 14:25:47 UTC
From: w_r_adams1
Topic: 30421 Message: 30428

Is the "running man" icon on? If so the tuning rate is faster.

Bill

30429. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-26 14:31:00 UTC
From: af2c@njdxa.org
Topic: 30278 Message: 30429

Jim -

I believe that he is referring to HF and 6m FM when it comes to FM output.

You are correct relative to 50W on 2m.

73,
Jay/AF2C

At 09:38 AM 6/26/2010 -0400, you wrote:
>
>
>The behavior is normal.
>Power meter is reading Average power.
>If you want the max reading, you have to use a "peak reading" meter.
>The AM power on the 897 is about a third the max power -- 25-35 watts is
>typical (see manual)
>100 Watts is high for the FM output. Mine is 50 Watts.
>
>K2JXW
>Jim
>
>
>
>ï»¿ ï»¿
>-------Original Message-------
>
>From: aduncan10
>Date: 6/26/2010 9:22:29 AM
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Subject: [FT897] Re: Power out
>
>I have same behaviour.
>Using the MFJ-949E power meter to estimate transmition power, I get only 30
>W on SSB, even I am using voice processor or increasing other parameters -
>MIC Gain, etc.
>Any idea how to get the 100 W on SSB?
>
>Tnx,
>
>Duncan
>
>
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "rflistner"
><rflistner2000@...> wrote:

> >
> > When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed the
>following:
> >
> > FM I get 100 watts out
> > AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
> > SSB it will first peak close to 100 watts, then drop down to 25~45 watts.
>(Using an MFJ-949E)
> > Menu #75-RF power Set is at 100.
> > Menu #81-SSB Mike Gain is set at 90.
> > Am I missing something or is this normal?
> >
>
>
>

[Non-text portions of this message have been removed]

30430. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-26 21:23:56 UTC
From: Dennis
Topic: 30278 Message: 30430

Duncan, it is customary to include your call when signing messages here as well, however, PLEASE note the following;

This has been hashed over several times with other posts as well - however, he was referring to SSB (see original post below my response).

First, the meter on ANY antenna tuner is an AVG reading - NOT accurate by any means. This is especially true for MFJ equipment. The only way to get an accurate reading is with either a test unit or a PEAK reading meter (If I remember correctly). Both meters are expensive in price for the best ones.

Second, Unless you input a steady tone into the radio (either through the mic or other way), the reading displayed on the meter will not be able to keep up with the peaks in your voice, and hence, will NOT accurately display full power on the meter.

Third, there IS NO carrier on SSB. when you speak into the mic or input a tone, that is when the power AND signal are put into the feed line and to the antenna. You can, theoretically, hold an antenna in your hands and key the mic with no burn - UNTIL a signal is put into the mic. With no signal into the mic, there is no RF produced until then.

Fourth, REGARDLESS of speech processor, mic gain, etc., SSB still has NO RF OUT until you speak into the mic or input a tone. Increasing mic gain, processor, etc. will NOT make any difference and has NO effect on power out.

Sixth, regardless of the radio make or model (all HF/6m of course), they ALL work the same way on SSB.

I don't wish to sound mean or berating, but this is BASIC radio and was covered in the study manual. Are you new to the hobby? Did you study a manual or just take practice tests until you could pass consistantly? There are 2 books I HIGHLY recommend - FOR ANYBODY - NEW ham or EXTRA CLASS;

The ARRL Handbook
The ARRL Antenna book

BOTH are EXCELLENT reading and can answer most questions related to many questions posted here, especially relating to power out and propagation problems.

Finally, remember, too, that an antenna tuner really is a "co-ax" tuner. It only fools the radio into thinking there is no SWR being reflected back and allows the radio to transmit at optimum, especially those newer radios that have the "fold-back protection" circuitry. It

does NOT tune your antenna at all, unless you connect the tuner as close
to the antenna as you physically can.

Hope this helps -

Dennis - N8BMB

On 06/25/2010 07:11, aduncan10 wrote:
>
> I have same behaviour.
> Using the MFJ-949E power meter to estimate transmition power, I get
> only 30 W on SSB, even I am using voice processor or increasing other
> parameters - MIC Gain, etc.
> Any idea how to get the 100 W on SSB?
>
> Tnx,
>
> Duncan
>
> Messages in this topic
> <http://groups.yahoo.com/group/FT897/message/30278;_ylc=X3oDMTM2MGxrcnFlBF9TAzk3MzU5NzE0
BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzMwNDI1BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbW
UDMTI3NzU1ODQzMAR0cGNJZAMzMDI3OA-->
> (2)
> Recent Activity:
>
> * New Members
> <http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmM3VlczNoBF9TAzk3MzU5NzE0BGdycE
lkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNzc1NTg0MzA-?o=6
>
> 21
>
> Visit Your Group
> <http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlcjRldGNkBF9TAzk3MzU5NzE0BGdycElkAzY2ND
c3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI3NzU1ODQzMA-->
>
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJkcjNubmFtBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc
3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjc3NTU4NDMw>
>
> Switch to: Text-Only
> <mailto:FT897-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditio
nal>,
> Daily Digest
> <mailto:FT897-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> . Unsubscribe
> <mailto:FT897-unsubscribe@yahoogroups.com?subject=Unsubscribe> . Terms
> of Use <http://docs.yahoo.com/info/terms/>
> .
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30431. WTB: FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-26 17:59:57 UTC
From: J
Topic: 30431 Message: 30431

Hi Guys,

I am looking for a FT-897D that is clean/looks new and if possible no mods but not a deal breaker. My email is; k_b_3_k_w_j_@_y_a_h_o_o.c_o_m
Without the "_"

Thank you and take care,

John KB3KWJ

30432. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-27 09:52:02 UTC
From: g8hul
Topic: 30278 Message: 30432

>PLEASE note the following;
>
> This has been hashed over several times with other posts as well -
> however, he was referring to SSB (see original post below my response).
>
> First, the meter on ANY antenna tuner is an AVG reading - NOT accurate
> by any means. This is especially true for MFJ equipment. The only way
> to get an accurate reading is with either a test unit or a PEAK reading
> meter (If I remember correctly). Both meters are expensive in price for
> the best ones.

Please read the Original post; the MFJ meter in question IS a peak reading meter!

Now of course it is possible that the meter was not powered up during the measurements or it is faulty.

I do really wish that people would read what was posted rather than jumping in with stock answers about Average Power when it is likely that the real answer lies eleswhere.

The OP has posted this problem before and just got mainly the same torrent of unhelpful 'average power' answers, and no real explaination of what is actually going on.

His readings on 40m for FM and AM seem perfectly correct, and the meter is obviously working in Peak mode because the well documented overshoot on AM is seen before the carrier drops back to the correct level.

What has not been answered is why there is an initial overshoot on ssb to 100W and then subsequent peaks only reach 35-40W, even with high mic gain settings and a processor in line.

73
Jeff

30433. 897 Internal meter vs SWR bridge

Yahoo group: FT897 (2010)
Date: 2010-06-28 00:13:40 UTC
From: iceberg iceberg
Topic: 30433 Message: 30433

Is the internal meter on the 897 accurate enough for common use (with the FTL meter attached) or would a full SWR/Watt meter be a better investment than the FTL meter?

30434. Re:power out

Yahoo group: FT897 (2010)
Date: 2010-06-28 10:07:32 UTC
From: Dave Nelson
Topic: 28699 Message: 30434

>SNIP

>His readings on 40m for FM and AM seem perfectly correct, and the meter is
>obviously working in Peak mode because the well documented overshoot on AM
>is seen before the carrier drops back to the correct level.
>What has not been answered is why there is an initial overshoot on ssb to
>100W and then subsequent peaks only reach 35-40W, even with high mic gain
>settings and a processor in line.
>73
>Jeff

Well
thats cuz the overshoot is not specific to the AM mode.
the 857 and 897 are well known for their momentary overshoot in SSB. Caused
by the lag time of the ALC kicking in. There are mods available to
overcome this
so that, particuarly if the transceiver is needed for use as a transverter
driver,
the overshoot doesnt kill the input to the transverter.
here's a link to the page with the mods for the
857/897 http://www.astromag.co.uk/ft857d/

cheers
Dave
VK2TDN

30435. Re:power out

Yahoo group: FT897 (2010)
Date: 2010-06-28 10:11:03 UTC
From: Dave Nelson
Topic: 28699 Message: 30435

I still suspect he's using the meter in avg mode.
it has to be physically switched into peak mode it aint automatic :)

cheers
Dave
VK2TDN

30436. Re:power out

Yahoo group: FT897 (2010)
Date: 2010-06-28 11:47:33 UTC
From: g8hul
Topic: 28699 Message: 30436

--- In FT897@yahoogroups.com, Dave Nelson <dave.nelson@...> wrote:
>
> I still suspect he's using the meter in avg mode.
> it has to be physically switched into peak mode it aint automatic :)
>
> cheers
> Dave
> VK2TDN
>

That seems unlikely as the overshoots are being observed; if the meter was in average mode they are too short to be recorded at any where near the 100W level.

On the subject of overshoots, I agree that it is visible in AM, or in other modes when a power output lower than 100W is set; but it still does not explain why, when set for 100W on ssb, there is an initial overshoot to 100W but subsequent peaks are only 30W!

73
Jeff

30437. SWR "stuck" on all HF bands

Yahoo group: FT897 (2010)
Date: 2010-06-29 04:17:50 UTC
From: n3zjy
Topic: 30437 Message: 30437

I thought it was my coax jumpers, then I thought it was the tuner. Turns out I needed another "reset" of the 897 and then all is well. It's been a while since I had to do that but I always end up having to. Sometimes it clears up excessive RX noise. Any ideas on why I have to do this?

Dave <K0PKE>

30438. RE: [FT897] SWR "stuck" on all HF bands

Yahoo group: FT897 (2010)
Date: 2010-06-29 04:30:49 UTC
From: carl
Topic: 30437 Message: 30438

How do you do a complete reset on the 897D Dave?

I think I need to start from scratch again.

I had one of the cheat sheets but seem to have misplaced it.

Thanks.

Carl VK3EMF

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n3zjy
Sent: Tuesday, 29 June 2010 2:18 PM
To: FT897@yahoogroups.com
Subject: [FT897] SWR "stuck" on all HF bands

I thought it was my coax jumpers, then I thought it was the tuner. Turns out I needed another "reset" of the 897 and then all is well. It's been a while since I had to do that but I always end up having to. Sometimes it clears up excessive RX noise. Any ideas on why I have to do this?

Dave <K0PKE>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.439 / Virus Database: 271.1.1/2967 - Release Date: 06/28/10 18:35:00

[Non-text portions of this message have been removed]

30439. Re: power out

Yahoo group: FT897 (2010)
Date: 2010-06-29 10:23:30 UTC
From: Dave Nelson
Topic: 28699 Message: 30439

Ok well hopefully the person concerned is still looking at the emails.

it really sounds like its time for the 897 to go onto a decent dummy
load power
meter and confirm exactly what is happening.

under that test condition IS the power out as it should be or is it still
low ??
its time to confirm if the MFJ tuner or some other item in the chain is at
fault or if it is the 897 that is playing up.

cheers
Dave
VK2TDN

At 08:59 AM 6/29/2010 +0000, you wrote:
>That seems unlikely as the overshoots are being observed; if the meter was
>in average mode they are too short to be recorded at any where near the
>100W level.
>
>On the subject of overshoots, I agree that it is visible in AM, or in
>other modes when a power output lower than 100W is set; but it still does
>not explain why, when set for 100W on ssb, there is an initial overshoot
>to 100W but subsequent peaks are only 30W!
>
>73
>Jeff

30440. Re: SWR "stuck" on all HF bands

Yahoo group: FT897 (2010)
Date: 2010-06-29 10:44:48 UTC
From: stykemup
Topic: 30437 Message: 30440

[V/M] + POWER on: Resets all memories and following
menu settings to their factory-default values:
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).

[F] + POWER on: Resets all menu settings (except the
following menu items) to their factory-default values.
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).

[HOME] + POWER on: CPU master reset for all memories
and menu settings

30441. Re: 897 Internal meter vs SWR bridge

Yahoo group: FT897 (2010)
Date: 2010-06-29 12:04:47 UTC
From: vhklein2003
Topic: 30433 Message: 30441

The internal meter is more than adequate, maybe even better than an external for practical use. You don't really need to know if the SWR is 1.56:1 vs. 1.62:1, just that it is as close to 1:1 as you can get it, as the radio sees it.

=Vic=
WA4THR

--- In FT897@yahoogroups.com, "iceberg iceberg" <iceberg@...> wrote:
>
> Is the internal meter on the 897 accurate enough for common use (with the FTL meter attached) or would a full SWR/Watt meter be a better investment than the FTL meter?
>

30442. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-27 19:20:17 UTC
From: tom_tuttle@rocketmail.com
Topic: 30278 Message: 30442

Actually it doesn't "fool" the radio. Tuners use various methods to increase or decrease the length of the antenna lead in order to reduce or "flatten" the standing wave ratio.

>I don't wish to sound mean or berating, but this is BASIC radio and >was covered in the study manual.

Yes you do.

I personally didn't study any manuals. I wrote the answers on the bottom of my flip flops and if I hadn't stepped on that piece of gum I would have aced it.

tom

30443. Re: CAT/Data Tuner+PC Best Setup?

Yahoo group: FT897 (2010)
Date: 2010-06-28 23:53:25 UTC
From: AI6PG
Topic: 30315 Message: 30443

I could use suggestions on the fldigi configuration for the FT-897D.
I connect a Rigrunner USB Cat connection to the Accessory CAT port of the AT-897 tuner.

When I can get fldigi to key the radio, it stays keyed. Don't have this problem with digipan. Would prefer to use fldigi.

Any suggestions on Rig control settings etc?

Thanks,
Peter Grace AI6PG

--- In FT897@yahoogroups.com, Tom Glaab <tglaab@...> wrote:
>
> > Ok, I guess I haven't gotten a clear answer to what Im looking for.
> > So to start off with these are the things I'm looking to do:
> >
> > psk31 pactor1 rtty sstv
>
> These are all things you can do in software regardless of the CAT
> control. I personally use FLDIGI for PSK and related; MultiPSK fills in
> the SSTV, PACTOR, and some others. If you're in a quiet room, you can
> skip the interface box and hold the microphone up to the computer
> speakers... just don't expect to type quickly with one hand. I did buy a
> SignaLinkUSB interface; the biggest selling point is that it has its own
> sound card. You don't have to worry about your system "ding!" noises
> going out over the air.
>
> > FULL PC Control of the 897D
>
> The 897D has a limited set of commands. FLDIGI, HRD, WSJT and others
> support them.
>
> > Eventually satellite uplink/control though possibly not with the 897D
>
> A ham here is using a combination of 897D and 817ND radios for satellite
> contacts. He uses the 897D on uplink because it has a higher output
> power. He uses dual CAT controls to drive the radios, and has dual
> serial interfaces to a two-axis rotator. The 897D can work the SSB
> satellites, unlike most HTs.
>
> tg.
> AJ4UQ
>
>
>
> [Non-text portions of this message have been removed]

>

30444. Re: WTB: FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-27 12:19:40 UTC
From: traburgess1945
Topic: 30431 Message: 30444

--- In FT897@yahoogroups.com, "J" <kb3kwj@...> wrote:
>
> Hi Guys,
>
> I am looking for a FT-897D that is clean/looks new and if possible no mods but not a deal breaker. My email is; k_b_3_k_w_j_@_y_a_h_o_o.c_o_m
> Without the "_"
>
> Thank you and take care,
>
> John KB3KWJ
>
Howdy,

I have noticed that on Ebay, our favorite radio is going for very close to a new selling price. This for used equipment! I paid $859 plus shipping for mine brand new. I think that the bidding bug is getting the better of a lot of people. Shop around for new stuff; there are good deals about.

Travis
(Patiently waiting for callsign to be posted on FCC database)

P.S. Had a lot of fun at Field Day with the Brazos Valley Amateur Radio Club in Richmond, Texas.

30445. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-27 14:08:49 UTC
From: tom_tuttle@rocketmail.com
Topic: 30278 Message: 30445

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
>
> >PLEASE note the following;
> >
> > This has been hashed over several times with other posts as well -
> > however, he was referring to SSB (see original post below my response).
> >
> > First, the meter on ANY antenna tuner is an AVG reading - NOT accurate
> > by any means. This is especially true for MFJ equipment. The only way
> > to get an accurate reading is with either a test unit or a PEAK reading
> > meter (If I remember correctly). Both meters are expensive in price for
> > the best ones.
>
>
> Please read the Original post; the MFJ meter in question IS a peak reading meter!
>
> Now of course it is possible that the meter was not powered up during the measurements or it is faulty.
>
> I do really wish that people would read what was posted rather than jumping in with stock answers about Average Power when it is likely that the real answer lies eleswhere.
>
> The OP has posted this problem before and just got mainly the same torrent of unhelpful 'average power' answers, and no real explaination of what is actually going on.
>
> His readings on 40m for FM and AM seem perfectly correct, and the meter is obviously working in Peak mode because the well documented overshoot on AM is seen before the carrier drops back to the correct level.
>
> What has not been answered is why there is an initial overshoot on ssb to 100W and then subsequent peaks only reach 35-40W, even with high mic gain settings and a processor in line.
>
> 73
> Jeff
>
Hi
Maybe high swr is causing the transmitter to "fold back" after the initial key up thereby saving the finals.

Just my 2.734 cents worth (Adjusted for inflation)
tom

30446. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-29 01:31:59 UTC
From: Steve McG
Topic: 30421 Message: 30446

Alan, I was not aware of any thing that I could do to fix this problem. ka6nog

---
From: Alan E. Lutz <lutz48@comcast.net>
To: FT897@yahoogroups.com
Sent: Fri, June 25, 2010 6:23:19 AM
Subject: Re: [FT897] Re:

Steve,

Are you a new user? If you are, are you aware that you can change the STEP (in KHz) of the Mem/VFO knob?

73 de Alan
AE1NH

----- Original Message -----
From: Steve McG
To: FT897@yahoogroups.com
Sent: Thursday, June 24, 2010 9:38 PM
Subject: [FT897] Re:

Has anyone had problems with the "MEM/VFO CH" knob? This knob now skips and slips by the freq.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30447. No PTT from front port

Yahoo group: FT897 (2010)
Date: 2010-06-28 00:23:13 UTC
From: Jim
Topic: 30447 Message: 30447

Here's an interesting one. I was out at FD yesterday and the PTT on any device (MD 200, Heil headest with foot pedal, and MH31) won't key transmit on the radio. I can key transmit through VOX, CAT port via HRD, Data port via my RB P&P and a key will work.

I've looked for any setting that might resolve this,and I've also tried the hard reset (Power, F, V/M) and no joy there either. I have also looked at the pins and I don't appear to have a bent pin.

Anyone have suggestions or is it time for the shop?

Thanks,
Jim - N4BFR

30448. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-29 13:36:46 UTC
From: Alan E. Lutz
Topic: 30421 Message: 30448

KA6NOG Steve,

Menu item 082 sets the step for SSB and 052 for AM. The SSB STEP can be set to 1, 2.5 & 5khz. 2.5 khz is the default.

73 de Alan

AE1NH

----- Original Message -----
From: "Steve McG" <yeasu124@...>
To: FT897@yahoogroups.com
Sent: Monday, June 28, 2010 9:31:59 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] Re:

Alan, I was not aware of any thing that I could do to fix this problem. ka6nog

[Non-text portions of this message have been removed]

30449. Re: WTB: FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-29 13:34:52 UTC
From: J
Topic: 30431 Message: 30449

Hi Travis,

Yes $850 is the going price. A ham shop has it for $880 brand new. I have an offer for a "10 out of 10" (that's what the seller states) 897 with the autotuner, one battery and one charger plus shipping for $800. I have the LDG autotuner so if I purchased the 897 I would sell the yaesu autotuner (I read that the LDG model is better).

Another gentleman has two yaesu batteries for $100 that I might take up on his offer but it depends on the age of the batteries I make up in my mind. I might be wrong but I am guessing that the batteries are the SLA type and loose charge or capacity over time. I sent him an email asking how long he has had them.

Thanks for your feedback and talk to you soon,

John KB3KWJ

--- In FT897@yahoogroups.com, "traburgess1945" <travburg1@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "J" <kb3kwj@> wrote:
> >
> > Hi Guys,
> >
> > I am looking for a FT-897D that is clean/looks new and if possible no mods but not a deal breaker. My email is; k_b_3_k_w_j_@_y_a_h_o_o.c_o_m
> > Without the "_"
> >
> > Thank you and take care,
> >
> > John KB3KWJ
> >
> Howdy,
>
> I have noticed that on Ebay, our favorite radio is going for very close to a new selling price. This for used equipment! I paid $859 plus shipping for mine brand new. I think that the bidding bug is getting the better of a lot of people. Shop around for new stuff; there are good deals about.
>
> Travis
> (Patiently waiting for callsign to be posted on FCC database)
>
> P.S. Had a lot of fun at Field Day with the Brazos Valley Amateur Radio Club in Richmond, Texas.
>

30450. RE: [FT897] Re: WTB: FT-897D

Yahoo group: FT897 (2010)
Date: 2010-06-29 13:42:42 UTC
From: Dave Tipton, W5DMT
Topic: 30431 Message: 30450

When I bought mine, it was a 9.9 out of 10 with batteries, LDG Tuner, Touch Tone Mic and an internal power supply for $900. This was about a month ago. I felt I got a decent deal on it. This was at a Hamfest, and there was no haggling. I had planned to purchase that exact same setup new 2 booths over, so I chalk it up to right place/right time.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of J
Sent: Tuesday, June 29, 2010 8:35 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: WTB: FT-897D

Hi Travis,

Yes $850 is the going price. A ham shop has it for $880 brand new. I have an offer for a "10 out of 10" (that's what the seller states) 897 with the autotuner, one battery and one charger plus shipping for $800. I have the LDG autotuner so if I purchased the 897 I would sell the yaesu autotuner (I read that the LDG model is better).

Another gentleman has two yaesu batteries for $100 that I might take up on his offer but it depends on the age of the batteries I make up in my mind. I might be wrong but I am guessing that the batteries are the SLA type and loose charge or capacity over time. I sent him an email asking how long he has had them.

Thanks for your feedback and talk to you soon,

John KB3KWJ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "traburgess1945" <travburg1@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "J" <kb3kwj@> wrote:
> >
> > Hi Guys,
> >
> > I am looking for a FT-897D that is clean/looks new and if possible no mods but not a deal breaker. My email is; k_b_3_k_w_j_@_y_a_h_o_o.c_o_m
> > Without the "_"
> >
> > Thank you and take care,
> >
> > John KB3KWJ
> >

> Howdy,
>
> I have noticed that on Ebay, our favorite radio is going for very close to a new selling price. This for used equipment! I paid $859 plus shipping for mine brand new. I think that the bidding bug is getting the better of a lot of people. Shop around for new stuff; there are good deals about.
>
> Travis
> (Patiently waiting for callsign to be posted on FCC database)
>
> P.S. Had a lot of fun at Field Day with the Brazos Valley Amateur Radio Club in Richmond, Texas.
>

[Non-text portions of this message have been removed]

30451. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-29 14:25:47 UTC
From: n3ssl
Topic: 30278 Message: 30451

Hi,

Just a suggestion have you tried another mic for this radio? The first generation of the stock mic's leave a lot as getting good audio.

Ryan n3ssl

30452. RE: [FT897] Re: SWR "stuck" on all HF bands

Yahoo group: FT897 (2010)
Date: 2010-06-29 15:41:21 UTC
From: carl
Topic: 30437 Message: 30452

Thank you.

Regs.,

Carl VK3EMF

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of stykemup
Sent: Tuesday, 29 June 2010 8:45 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: SWR "stuck" on all HF bands

[V/M] + POWER on: Resets all memories and following
menu settings to their factory-default values:
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).

[F] + POWER on: Resets all menu settings (except the
following menu items) to their factory-default values.
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).

[HOME] + POWER on: CPU master reset for all memories
and menu settings

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.439 / Virus Database: 271.1.1/2969 - Release Date: 06/28/10 18:35:00

[Non-text portions of this message have been removed]

30453. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-29 15:46:51 UTC
From: g8hul
Topic: 30278 Message: 30453

> Hi
> Maybe high swr is causing the transmitter to "fold back" after the initial key up thereby saving the finals.
>
>
> Just my 2.734 cents worth (Adjusted for inflation)
> tom
>

Seems unlikely as the OP stated that it was into a 50ohm dummy load, and the correct 100W is shown on CW/FM.

73
Jeff

30454. Re: SWR "stuck" on all HF bands

Yahoo group: FT897 (2010)
Date: 2010-06-29 16:15:37 UTC
From: JD Kopke (Dave)
Topic: 30437 Message: 30454

There's a couple of different ones. The HARD reset is holding "home"
while powering one. I think SOFT reset is holding "F"

Dave <K0PKE>

30455. FT-897 Large External meter for sale

Yahoo group: FT897 (2010)
Date: 2010-06-29 18:48:30 UTC
From: m0xdx
Topic: 30455 Message: 30455

I have a large (12cm x 10cm) 897/857 external meter for sale on e-bay, see item number 280527771291. (UK auction only, sorry)
This also works with an FT-857.

Paul, M0XDX

30456. Re: [FT897] No PTT from front port

Yahoo group: FT897 (2010)
Date: 2010-06-29 19:03:23 UTC
From: John
Topic: 30447 Message: 30456

Jim,
Is it possible you have lost the 5volts on the mike socket,this operates the TX change over on the mike,I am not sure if there is a fuse for that?

John GM3ZXG
----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Monday, June 28, 2010 1:23 AM
Subject: [FT897] No PTT from front port

Here's an interesting one. I was out at FD yesterday and the PTT on any device (MD 200, Heil headest with foot pedal, and MH31) won't key transmit on the radio. I can key transmit through VOX, CAT port via HRD, Data port via my RB P&P and a key will work.

I've looked for any setting that might resolve this,and I've also tried the hard reset (Power, F, V/M) and no joy there either. I have also looked at the pins and I don't appear to have a bent pin.

Anyone have suggestions or is it time for the shop?

Thanks,
Jim - N4BFR

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.830 / Virus Database: 271.1.1/2970 - Release Date: 06/29/10 07:35:00

[Non-text portions of this message have been removed]

30457. Re: [FT897] No PTT from front port

Yahoo group: FT897 (2010)
Date: 2010-06-29 19:19:32 UTC
From: John
Topic: 30447 Message: 30457

Jim,
Sorry check my last message as I may be incorrect and thinking of something else,
John
----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Monday, June 28, 2010 1:23 AM
Subject: [FT897] No PTT from front port

Here's an interesting one. I was out at FD yesterday and the PTT on any device (MD 200, Heil headest with foot pedal, and MH31) won't key transmit on the radio. I can key transmit through VOX, CAT port via HRD, Data port via my RB P&P and a key will work.

I've looked for any setting that might resolve this,and I've also tried the hard reset (Power, F, V/M) and no joy there either. I have also looked at the pins and I don't appear to have a bent pin.

Anyone have suggestions or is it time for the shop?

Thanks,
Jim - N4BFR

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.830 / Virus Database: 271.1.1/2970 - Release Date: 06/29/10 07:35:00

[Non-text portions of this message have been removed]

30458. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-06-30 03:00:47 UTC
From: perryc
Topic: 30278 Message: 30458

actually it does fool the radio.
it does not change the length of anything. it acts as an adjustable impedance transformer to allow the radio to output its full power to a matched impedance antenna.
it fools the radio into seeing a matched impedance, of 50 ohms.
with matched impedance, the swr is lowered allowing the radio to output its full power the the unmatched antenna, and feed line.
the unmatched impedance of the feed line and antenna stays exactly the same, the feed line length stays exactly the same. but the radio sees a matched feed line and a matched antenna.
so it basically fools the radio.
so there
:-)

--- In FT897@yahoogroups.com, "tom_tuttle@..." <tom_tuttle@...> wrote:
>
>
>
> Actually it doesn't "fool" the radio. Tuners use various methods to increase or decrease the length of the antenna lead in order to reduce or "flatten" the standing wave ratio.
>
>
> >I don't wish to sound mean or berating, but this is BASIC radio and >was covered in the study manual.
>
> Yes you do.
>
> I personally didn't study any manuals. I wrote the answers on the bottom of my flip flops and if I hadn't stepped on that piece of gum I would have aced it.
>
> tom
>

30459. Re: [FT897] Re:

Yahoo group: FT897 (2010)
Date: 2010-06-30 03:53:29 UTC
From: Steve McG
Topic: 30421 Message: 30459

Tnx,Alan-de KA6NOG 73-I have yet to give it a try.God Bless you and yours

---
From: Alan E. Lutz <lutz48@...>
To: FT897@yahoogroups.com
Sent: Tue, June 29, 2010 6:36:46 AM
Subject: Re: [FT897] Re:

KA6NOG Steve,

Menu item 082 sets the step for SSB and 052 for AM. The SSB STEP can be set to 1, 2.5 & 5khz. 2.5 khz is the default.

73 de Alan

AE1NH

----- Original Message -----
From: "Steve McG" <yeasu124@...>
To: FT897@yahoogroups.com
Sent: Monday, June 28, 2010 9:31:59 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] Re:

Alan, I was not aware of any thing that I could do to fix this problem. ka6nog

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30460. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-07-01 17:25:49 UTC
From: gary davis
Topic: 30278 Message: 30460

Okay, I'm gonna assume tis is normal behavior for this unit. It was used this past weekend for Field Day and it did a really good job. Fed into a Comet Ch-250 HF Vert antenna, contacts were made all across the country and Canada. That works for me.

Gary KE7MQF

Zimbabwe Attorney General Johannes Tomana, "All the land in the country belongs to the government, and as such no individual has the right to disobey a government directive to vacate such."
In the USofA, we call this Eminent Domain.

--- On Sat, 6/26/10, Weidner - ARLHS, USCGA <weidner@waterw.com> wrote:

From: Weidner - ARLHS, USCGA <weidner@...>
Subject: Re: [FT897] Re: Power out
To: FT897@yahoogroups.com
Date: Saturday, June 26, 2010, 9:38 AM

The behavior is normal.
Power meter is reading Average power.
If you want the max reading, you have to use a "peak reading" meter.
The AM power on the 897 is about a third the max power -- 25-35 watts is typical (see manual)
100 Watts is high for the FM output. Mine is 50 Watts.

K2JXW
Jim

☐ ☐
-------Original Message-------

From: aduncan10
Date: 6/26/2010 9:22:29 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Power out

I have same behaviour.
Using the MFJ-949E power meter to estimate transmition power, I get only 30 W on SSB, even I am using voice processor or increasing other parameters - MIC Gain, etc.
Any idea how to get the 100 W on SSB?

Tnx,

Duncan

--- In FT897@yahoogroups.com, "rflistner" <rflistner2000@...> wrote:
>

> When feeding the output to a 50 ohm Dummy Load (40 mtr band) I noticed the following:
>
> FM I get 100 watts out
> AM I get a "surge" of 100 watts, then it drops down to 35~45 watts.
> SSB it will first peak close to 100 watts, then drop down to 25~45 watts.
(Using an MFJ-949E)
> Menu #75-RF power Set is at 100.
> Menu #81-SSB Mike Gain is set at 90.
> Am I missing something or is this normal?

[Non-text portions of this message have been removed]

30461. QUESTION .ABOUT RX

Yahoo group: FT897 (2010)
Date: 2010-07-01 21:06:22 UTC
From: n5iz
Topic: 30461 Message: 30461

in hidden menu.on a ft-897D..what does 005 and 006 do.will it increase the rx on vhf/uhf
just wondering..any idea...
73 ray n5iz

30462. Tripod antenna stands`

Yahoo group: FT897 (2010)
Date: 2010-07-01 21:14:09 UTC
From: traburgess1945
Topic: 30462 Message: 30462

Actually, the item is a heavy duty speaker stand but it will serve nicely for hoisting small antennas when you go portable mode. It is sold by Teptronics.
http://www.teptronics.com/pstnd4.html.
Pyle Pro (PSTND4) 6 ft. 2-Way Tripod Speaker Stand.
It extends to a bit over 7 feet and is 1.5 inches in diameter.

Travis
KF5HSE

30463. CW spotting heterodyne oscillator

Yahoo group: FT897 (2010)
Date: 2010-06-29 20:27:01 UTC
From: edmetzler
Topic: 30463 Message: 30463

Hi All,
Can someone fill me in on exactly what this does? Is it similar to the Icom CW tuning function that will zero-beat a CW signal?
Ed/KC9HSY

30464. 897D and MFJ1625 Antenna...any opinions?

Yahoo group: FT897 (2010)
Date: 2010-06-29 19:13:04 UTC
From: stereoimage73
Topic: 30464 Message: 30464

Hello:

First rig for apartment dweller (3rd/top floor) and I am thinking about using a MFJ 1625 tuner/antenna whip (80-6 meters).....seems simple enough but I thought I'd throw it out there to see if anyone else has used it and opinions.

Thanks in advance.

Regards
Mark
KD8OLI

30465. New Ham, New FT-897, New G5RV Antenna, A Few Questions!

Yahoo group: FT897 (2010)
Date: 2010-07-01 00:22:06 UTC
From: mellenmitch
Topic: 30465 Message: 30465

So I have just joined the hobby. I got my General in May and now have an FT-897 and a G5RV Junior (1/2 length, 51 ft) Antenna. I am having a wonderful time and am happy to have found the group here. I was very pleased to find the thread with the reference about how to connect TWO CAT systems to the radio. I am have a few other questions about the radio:

1) If I have the FC-30 Antenna Tuner, can I also use a larger manual tuner like an MFJ-969? Can I use them together or should I just use one or the other depending on the circumstance?

2) I am currently set up with the FP-30 power supply, but would like to make the radio "grab and go" if possible. Is there a mod or a way to quickly swap the FP-30 with the normal bottom that takes 2 batteries? Can you use the PF-30 to charge the CD-24 and the batteries?

Well, that's enough for now. Cheers,

Mitch - KJ4UBX

30466. Re: [FT897] Tripod antenna stands`

Yahoo group: FT897 (2010)
Date: 2010-07-01 23:30:16 UTC
From: Glenn Valenta (K0BO)
Topic: 30462 Message: 30466

I used a lowel lightkit stand. ~$160 new but mine were very old trash can pickups. The tripod legs can be pinned down with tent stakes. They go upto 16ft but I added 5ft of light PVC. From our experience this FD, 25ft is not tall enough for a G5RV but we were able to put up several fan dipoles for 10/15/20/40m (http://www.hamuniverse.com/multidipole.html) with great success.

traburgess1945 wrote:
> Actually, the item is a heavy duty speaker stand but it will serve nicely for hoisting small antennas when you go portable mode. It is sold by Teptronics. http://www.teptronics.com/pstnd4.html.
> Pyle Pro (PSTND4) 6 ft. 2-Way Tripod Speaker Stand.
> It extends to a bit over 7 feet and is 1.5 inches in diameter.
>
>
> Travis
> KF5HSE

30467. Re: 897D and MFJ1625 Antenna...any opinions?

Yahoo group: FT897 (2010)
Date: 2010-07-02 00:20:25 UTC
From: iceberg iceberg
Topic: 30464 Message: 30467

Well, it has a pretty decent but not excelant score on eham:
http://www.eham.net/reviews/detail/6876

Just remember this thing is going to hang 12 feet out of your window. Make sure you have the clearance and there are now power lines or cables it will interfere with or that will interfere with it. Reading the reviews on eham would be a good idea to see what complications others have run into that kept it from getting a higher score. See if those complications are things you are ok with.

Bryan
kb9yen

--- In FT897@yahoogroups.com, "stereoimage73" <stereoimage73@...> wrote:
>
> Hello:
>
> First rig for apartment dweller (3rd/top floor) and I am thinking about using a MFJ 1625 tuner/antenna whip (80-6 meters).....seems simple enough but I thought I'd throw it out there to see if anyone else has used it and opinions.
>
>
>
> Thanks in advance.
>
> Regards
> Mark
> KD8OLI
>

30468. Re: [FT897] New Ham, New FT-897, New G5RV Antenna, A Few Questions!

Yahoo group: FT897 (2010)
Date: 2010-07-02 00:25:22 UTC
From: Gary Altig
Topic: 30465 Message: 30468

DE N7UVL,
My opinion: Leave the FP-30 in place. Full power will
always be available. Even when the FP-30 is disconnected
on the back and a 13.8VDC external supply is connected,
the higher power aspect will still be available if necessary.
-Connecting the internal batteries interrupt that selection/
option.
-Having the internal batteries for an FT-897 are nice for
constant portable & QRP operation. But consider the choices./ga

----- Original Message -----
From: mellenmitch<mailto:mellenmb@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, June 30, 2010 5:22 PM
Subject: [FT897] New Ham, New FT-897, New G5RV Antenna, A Few Questions!

So I have just joined the hobby. I got my General in May and now have an FT-897 and a G5RV Junior (1/2 length, 51 ft) Antenna. I am having a wonderful time and am happy to have found the group here. I was very pleased to find the thread with the reference about how to connect TWO CAT systems to the radio. I am have a few other questions about the radio:

1) If I have the FC-30 Antenna Tuner, can I also use a larger manual tuner like an MFJ-969? Can I use them together or should I just use one or the other depending on the circumstance?

2) I am currently set up with the FP-30 power supply, but would like to make the radio "grab and go" if possible. Is there a mod or a way to quickly swap the FP-30 with the normal bottom that takes 2 batteries? Can you use the PF-30 to charge the CD-24 and the batteries?

Well, that's enough for now. Cheers,

Mitch - KJ4UBX

[Non-text portions of this message have been removed]

30469. Re: [FT897] Tripod antenna stands`

Yahoo group: FT897 (2010)
Date: 2010-07-02 00:29:15 UTC
From: Bret McDanel
Topic: 30462 Message: 30469

On Thu, 2010-07-01 at 21:14 +0000, traburgess1945 wrote:
>
> Actually, the item is a heavy duty speaker stand but it will serve
> nicely for hoisting small antennas when you go portable mode. It is
> sold by Teptronics. http://www.teptronics.com/pstnd4.html.
> Pyle Pro (PSTND4) 6 ft. 2-Way Tripod Speaker Stand.
> It extends to a bit over 7 feet and is 1.5 inches in diameter.

I went to target or a similar type store (I honestly dont recall now) and got a cheap camera tripod. I then got a flat mounting plate for a bolt on antenna (CB iirc) and drilled the hole a bit bigger to accomodate a NMO style 259 adapter. I attached 5 sets of radials onto the plate with wingnuts (originally trying cookie sheets and similar things which did not work out well). I attach an ATAS-120 onto that (although I would recommend other similar style antennas instead, there are some bands the ATAS does not do). This works well, and is a similar design to the above url.

I started with http://aa5fr.com/atas120a.htm as a base for the idea (end of the page). I am pleased with my inexpensive tripod, and I get enough height if I desire it, although the radials work better when its lower to the ground.

30470. Re: New Ham, New FT-897, New G5RV Antenna, A Few Questions!

Yahoo group: FT897 (2010)
Date: 2010-07-03 02:17:55 UTC
From: Pronto. (Military)
Topic: 30465 Message: 30470

The FC-30 antenna tuner by Yaesu only tunes an antenna if it is within 3:1 SWR limits. Many of the frequencies covered by the G5RV have swr levels beyond the Fc-30's capabilities. As a result, the tuner won't tune some of the bands and eventually it gets damaged.
There are other automatic tuners available that will tune up a wet piece of Spagetti. But then wet spagetti doesn't radiate too well.
Try and use antennas that are close to resonance for best results.
Use one tuner OR the other but not both at the same time.
Jim VE3DDY

--- In FT897@yahoogroups.com, "mellenmitch" <mellenmb@...> wrote:
>
> So I have just joined the hobby. I got my General in May and now have an FT-897 and a G5RV Junior (1/2 length, 51 ft) Antenna. I am having a wonderful time and am happy to have found the group here. I was very pleased to find the thread with the reference about how to connect TWO CAT systems to the radio. I am have a few other questions about the radio:
>
> 1) If I have the FC-30 Antenna Tuner, can I also use a larger manual tuner like an MFJ-969? Can I use them together or should I just use one or the other depending on the circumstance?
>
> 2) I am currently set up with the FP-30 power supply, but would like to make the radio "grab and go" if possible. Is there a mod or a way to quickly swap the FP-30 with the normal bottom that takes 2 batteries? Can you use the PF-30 to charge the CD-24 and the batteries?
>
> Well, that's enough for now. Cheers,
>
> Mitch - KJ4UBX
>

30471. SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-03 02:27:50 UTC
From: jerryjohnston
Topic: 30471 Message: 30471

I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.

I did notice that if I didn't use the LDG AT-897 tuner first, the problem seemed to "sync" with the HSWR indicator on the display.

I tried running on battery to rule out the power supply, same thing. Also adjusting my mic gain had no effect (I'm using the standard MH-31 mic). Since I don't work above 20 meters much, I don't know how long this problem has been occurring.

A Google search turned up this:
http://members.cox.net/w1aex/897idle.html

Has anyone else had this problem and found a fix, or can recommend the above fix?

30472. RE: [FT897] SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-03 02:53:26 UTC
From: Joseph Richard
Topic: 30471 Message: 30472

Sounds like you are having RFI issues. The LDG antenna tuner is not very good at 6m. If you make some power measurements in by-pass, you will roughly see anywhere from a 1.5:1 to 2.1:1 VSWR into a 50-ohm load. They may have improved the AT897 Plus model.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of jerryjohnston
Sent: Friday, July 02, 2010 9:28 PM
To: FT897@yahoogroups.com
Subject: [FT897] SSB TX Audio Problem on 6 meters

I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.

I did notice that if I didn't use the LDG AT-897 tuner first, the problem seemed to "sync" with the HSWR indicator on the display.

I tried running on battery to rule out the power supply, same thing. Also adjusting my mic gain had no effect (I'm using the standard MH-31 mic). Since I don't work above 20 meters much, I don't know how long this problem has been occurring.

A Google search turned up this:
http://members.cox.net/w1aex/897idle.html

Has anyone else had this problem and found a fix, or can recommend the above fix?

Yahoo! Groups Links

30473. Re: [FT897] SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-03 05:14:52 UTC
From: Dennis
Topic: 30471 Message: 30473

I had the same issue with my 857. Turned out it was a PA Idling Current issue that was not set properly at the factory. I followed instructions from DG2IAQ and it resolved my issue. Worth looking at.....

Dennis - N8BMB

On 07/02/2010 21:27, jerryjohnston wrote:
>
> I've got an approximately 6 year old FT-897. Tonight I was working 6
> meters SSB and two different contacts mentioned I had poor audio that
> seemed to be cutting in and out. I listened to my on-air transmission
> via another radio and there was distortion and what seemed to be
> "pulsating" for lack of a better description. 15 and 10 meters showed
> this problem to a lesser degree. This only happens on LSB/USB, and not
> on 20 or 40 meters.
>
> I did notice that if I didn't use the LDG AT-897 tuner first, the
> problem seemed to "sync" with the HSWR indicator on the display.
>
> I tried running on battery to rule out the power supply, same thing.
> Also adjusting my mic gain had no effect (I'm using the standard MH-31
> mic). Since I don't work above 20 meters much, I don't know how long
> this problem has been occurring.
>
> A Google search turned up this:
> http://members.cox.net/w1aex/897idle.html
>
> Has anyone else had this problem and found a fix, or can recommend the
> above fix?
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30474. Looking for a FNB-17 battery and CD-24 charge adapter

Yahoo group: FT897 (2010)
Date: 2010-07-02 08:36:03 UTC
From: kj6cfi
Topic: 30474 Message: 30474

I just got an FT-897D and am looking for an FNB-17 and CD-24 charge adapter. I have a Panasonic plain paper fax/copier I would like to trade for these. If interested, please contact me off-list.
Denny Dollahon, KJ6CFI

30475. Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-02 18:47:04 UTC
From: Scott
Topic: 30475 Message: 30475

Afternoon to the group!

Last week I acquired an FT-857 (non-D), with DSP installed. On the supplied power cable (which has two positive, to negative leads on the rig-end, continuity confirmed) hooked up to a 13.8W VDC bench supply, the rig puts out 20 watts, regardless of the power being set to 100W. What's odd, is that the battery icon next to the voltage on the display is on, although I've confirmed there are no internal batteries installed. For the life of me I can't find a menu setting to specify if it has batteries installed, the A/B switch on top makes no effect, and all references I see say that it operates on 20W "automatically." I've also done a processor/factory reset.

One of my thoughts is maybe there's a short somewhere from someone hooking up a battery improperly, but I hadn't found a schematic for the rig yet and started tracing the circuits out. Any ideas, or am I hopefully putting too much thought in to a simple procedure?

73,
Scott, N5KRC

30476. Re: [FT897] SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-03 06:50:08 UTC
From: "Glenn (KØBO)"
Topic: 30471 Message: 30476

>> this problem has been occurring.
>>
>> A Google search turned up this:
>> http://members.cox.net/w1aex/897idle.html
>>
>> Has anyone else had this problem and found a fix, or can recommend the
>> above fix?

Be very carefull! I did this alignment thinking it was my problem when in fact it was the DSP ground issue and the biases were all fine for the serial number of my rig. Luckly, I wrote down all the voltages before and also marked the pots with whiteout and I was able to return my radio to it's proper setting.

I guess what I'm saying is to make sure your radio is of the right SN and construction for the bias settings on that web page.

73! Glenn K0BO

30477. RE: [FT897] SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-03 08:12:29 UTC
From: Jeff
Topic: 30471 Message: 30477

Hi

Before you go changing bias settings be aware that the PA devices have changed at least once and may be more, and the different devices require different bias settings. Make sure that you have the correct values for your particular set!!

73
Jeff

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of jerryjohnston
Sent: Friday, July 02, 2010 9:28 PM
To: FT897@yahoogroups.com
Subject: [FT897] SSB TX Audio Problem on 6 meters

I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.

I did notice that if I didn't use the LDG AT-897 tuner first, the problem seemed to "sync" with the HSWR indicator on the display.

I tried running on battery to rule out the power supply, same thing. Also adjusting my mic gain had no effect (I'm using the standard MH-31 mic). Since I don't work above 20 meters much, I don't know how long this problem has been occurring.

A Google search turned up this:
http://members.cox.net/w1aex/897idle.html

Has anyone else had this problem and found a fix, or can recommend the above fix?

Yahoo! Groups Links

Yahoo! Groups Links

30478. Softjump settings

Yahoo group: FT897 (2010)
Date: 2010-07-03 17:51:46 UTC
From: kb1dni
Topic: 30478 Message: 30478

Hello:
I was trying to find a document or instructions for using Softjump. The one listed in the "files" section is for Win 98 and I believe it dates back to 2003.

I just want to confirm how to use softjump and what the new "expanded" setting will be using Softjump.

Thanks for the assistance.
73
Glen
KB1DNI

30479. Re: [FT897] Softjump settings

Yahoo group: FT897 (2010)
Date: 2010-07-03 19:09:51 UTC
From: Keith
Topic: 30478 Message: 30479

IIRC, Soft jump only works on FT-897D that were manufactured at that time.
Seems the FCC didn't like Yaesu allowing people to fire up windows and open
up a radio by anyone.

On 7/3/10 10:51 AM, "kb1dni" <kb1dni@...> wrote:

> Hello:
> I was trying to find a document or instructions for using Softjump. The one
> listed in the "files" section is for Win 98 and I believe it dates back to
> 2003.
>
> I just want to confirm how to use softjump and what the new "expanded" setting
> will be using Softjump.
>
> Thanks for the assistance.
> 73
> Glen
> KB1DNI
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

30480. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-07-04 20:02:57 UTC
From: Bernie
Topic: 30278 Message: 30480

After having played, studied, and built many antennas, I have yet been able to find a way to either shorten or lengthen an antenna lead short of either lopping off some of it with a loping shears or tying one end to a fence post and the other end to a car bumper and pulling. All an antenna tuner, more properly antenna matcher, does is adjust what the tranceiver sees to fit it's proper operating requirements. The length of the antenna feed is actually not a problem, it is whether the antenna is at proper resonance at the frequency that you are trying to transmit on. The antenna matcher adjusts for that so that the tranceiver "does see" what it needs to transmit properly. In other words it does fool the tranceiver so that it can transmit. If you have your antenna adjusted to the proper length for a specific frequency, you can use a 25 foot antenna lead or a 250 antenna lead, and it will still be the same except for loss in the line because of the length. And with that properly adjusted antenna the need for the antenna matcher is not there.

Bernie
W8NBC

--- In FT897@yahoogroups.com, "tom_tuttle@..." <tom_tuttle@...> wrote:
>
>
>
> Actually it doesn't "fool" the radio. Tuners use various methods to increase or decrease the length of the antenna lead in order to reduce or "flatten" the standing wave ratio.
>
>

30481. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-04 20:45:33 UTC
From: W1AEX
Topic: 30471 Message: 30481

Jerry,

Jeff's cautions are well advised. Not all 897's are the same! With that in mind, you say yours is 6 years old, which makes it from the same vintage as my own, which was manufactured in June of 2004 and has a serial number in this category: 4H370xxx

The gritty-distorted-audio issue with my rig started out on 6 meters, and then began to show up on the higher frequency HF bands. The severity of the symptoms also appeared to vary from day to day. It was also sensitive to changes in SWR as the ALC intervened to reduce output power.

It was easy to confirm that this was not an RF feedback issue by monitoring the rig while it dumped power into a dummy load. Another way to check is to solicit a report while running FM in the 10 meter or 6 meter FM regions. If it's clean on FM but sounds nasty on sideband, be suspicious that the final devices are not biased correctly for linear operation.

As it turned out, my unit was very poorly adjusted, with several stages idling close to cut-off. Once it was set to the factory specs it behaved beautifully on all bands. When I checked the settings a year later, they had wandered, but were nowhere close to cut-off. It's not a big deal to check the settings and correct them to the values recommended in the service manual that applies to your rig's serial number.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "jerryjohnston" <jerryjohnston@...> wrote:
>
> I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.
>
>
> A Google search turned up this:
> http://members.cox.net/w1aex/897idle.html
>
> Has anyone else had this problem and found a fix, or can recommend the above fix?
>

30482. Re: New Ham, New FT-897, New G5RV Antenna, A Few Questions!

Yahoo group: FT897 (2010)
Date: 2010-07-05 09:10:14 UTC
From: G0JLX
Topic: 30465 Message: 30482

You may also wish to read my comments on the FC-30 ATU I left on eHam some time ago when I first had my FT-897. Sounds like you are going through the same sort of exercises.

I sold my FC-30 off because it just didn't do the job. Somebody was happy to have it. I tend to use a manual tuner now.

Best 73
Andy
GØJLX

--- In FT897@yahoogroups.com, "Pronto. (Military)" <portdoverbells@...> wrote:
>
> The FC-30 antenna tuner by Yaesu only tunes an antenna if it is within 3:1 SWR limits. Many of the frequencies covered by the G5RV have swr levels beyond the Fc-30's capabilities. As a result, the tuner won't tune some of the bands and eventually it gets damaged.
> There are other automatic tuners available that will tune up a wet piece of Spagetti. But then wet spagetti doesn't radiate too well.
> Try and use antennas that are close to resonance for best results.
> Use one tuner OR the other but not both at the same time.
> Jim VE3DDY
>
> --- In FT897@yahoogroups.com, "mellenmitch" <mellenmb@> wrote:
> >
> > So I have just joined the hobby. I got my General in May and now have an FT-897 and a G5RV Junior (1/2 length, 51 ft) Antenna. I am having a wonderful time and am happy to have found the group here. I was very pleased to find the thread with the reference about how to connect TWO CAT systems to the radio. I am have a few other questions about the radio:
> >
> > 1) If I have the FC-30 Antenna Tuner, can I also use a larger manual tuner like an MFJ-969? Can I use them together or should I just use one or the other depending on the circumstance?
> >
> > 2) I am currently set up with the FP-30 power supply, but would like to make the radio "grab and go" if possible. Is there a mod or a way to quickly swap the FP-30 with the normal bottom that takes 2 batteries? Can you use the PF-30 to charge the CD-24 and the batteries?
> >
> > Well, that's enough for now. Cheers,
> >
> > Mitch - KJ4UBX
> >
>

30483. DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-05 13:11:12 UTC
From: PY5VB-Villas Boas
Topic: 30483 Message: 30483

Hi All:

Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very deficient and I don?t know if how is eficient in others FT897D units, but mine is a very poor feature.

Tnx for information.

Villas - PY5VB

30484. Re: Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-05 14:13:39 UTC
From: G0JLX
Topic: 30475 Message: 30484

Scott,

You may have a grounding short on the power cable or power connector to one of the bottom sensing pins - the 857 has a 20W "switch" setting if the bottom left power connection is grounded. Could be the same on the 897 ? Could even be a solder whisker. Info from DJ3NRA on mods.dk

Good luck & 73
Andy
GØJLX

--- In FT897@yahoogroups.com, "Scott" <schrestman@...> wrote:
>
> Afternoon to the group!
>
> Last week I acquired an FT-857 (non-D), with DSP installed. On the supplied power cable (which has two positive, to negative leads on the rig-end, continuity confirmed) hooked up to a 13.8W VDC bench supply, the rig puts out 20 watts, regardless of the power being set to 100W. What's odd, is that the battery icon next to the voltage on the display is on, although I've confirmed there are no internal batteries installed. For the life of me I can't find a menu setting to specify if it has batteries installed, the A/B switch on top makes no effect, and all references I see say that it operates on 20W "automatically." I've also done a processor/factory reset.
>
> One of my thoughts is maybe there's a short somewhere from someone hooking up a battery improperly, but I hadn't found a schematic for the rig yet and started tracing the circuits out. Any ideas, or am I hopefully putting too much thought in to a simple procedure?
>
> 73,
> Scott, N5KRC
>

30485. Re: [FT897] DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-05 15:22:28 UTC
From: K9ZTV
Topic: 30483 Message: 30485

Villas . . .

The Digital Notch Filter on the 897 has been pretty worthless from day one. Note that the brochures and manual have always stated that the notch filter helps to "reduce" heterodynes, not eliminate them.

I'm on my second 897 and have always used either an NIR-12 or a Clear Speech when I needed to.

Again, keep in mind it's only an $800 radio, it wasn't intended to be your main rig, and it certainly wasn't designed as a contest radio.

It is what it is -- a very adequate portable rig, reasonably priced, that does an awful lot of things passably well but not superbly well, and provides features in one box that no other manufacturer has chosen to compete with.

It's also an excellent beginner's radio that can be useful throughout a ham's life.

73,

Kent K9ZTV

On 7/5/2010 8:11 AM, PY5VB-Villas Boas wrote:
>
> Hi All:
>
> Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very
> deficient and I don´t know if how is eficient in others FT897D units,
> but mine is a very poor feature.
>
> Tnx for information.
>
> Villas - PY5VB
>
>

[Non-text portions of this message have been removed]

30486. Re: [FT897] DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-05 15:39:07 UTC
From: PY5VB-Villas Boas
Topic: 30483 Message: 30486

Ok Kent, but I put my IC-718 in the same frequency and it kill all the heterodynes but my 897D not (IC-718 DSP and 897D DSP is a audio DSP). Why ? the 897D is a better radio tham 718 but DSP notch filter... I´ll like to use all time my 897D but whem have heterodynes in frequency I need use my IC-718.

73, Villas

Em 05/07/2010 12:22, K9ZTV escreveu:
>
> Villas . . .
>
> The Digital Notch Filter on the 897 has been pretty worthless from day
> one. Note that the brochures and manual have always stated that the
> notch filter helps to "reduce" heterodynes, not eliminate them.
>
> I'm on my second 897 and have always used either an NIR-12 or a Clear
> Speech when I needed to.
>
> Again, keep in mind it's only an $800 radio, it wasn't intended to be
> your main rig, and it certainly wasn't designed as a contest radio.
>
> It is what it is -- a very adequate portable rig, reasonably priced,
> that does an awful lot of things passably well but not superbly well,
> and provides features in one box that no other manufacturer has chosen
> to compete with.
>
> It's also an excellent beginner's radio that can be useful throughout a
> ham's life.
>
> 73,
>
> Kent K9ZTV
>
> On 7/5/2010 8:11 AM, PY5VB-Villas Boas wrote:
> >
> > Hi All:
> >
> > Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very
> > deficient and I don´t know if how is eficient in others FT897D units,
> > but mine is a very poor feature.
> >
> > Tnx for information.
> >
> > Villas - PY5VB

> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

30487. Re: [FT897] DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-05 16:23:26 UTC
From: harry latterman
Topic: 30483 Message: 30487

My 2 cents work..At this time I have a 897D, IC-7200 and IC-756. In the past I have owned and traded a IC-718, 703, 706 and a few others. ICOM appears to have better math and better hardware when in comes to DNF. The 7200 uses IF-DSP and really is in a PROIII/7600 class when it comes to noise reduction, signal separtaion and digging out signals. It is only a couple hundred more then the 897D and is light years better. The 718 is audio DSP like the one in the 703 and 706 and my expereince is far better then the 897D.

My 897D is my do it all, take it with your radio. It has the internal PS and so far the 2.3khz inrad filer (CW soon). It gives me HF-UHF in a nice package. I have worked a lot of DX with it. But when it comes to serious DX and serious QRM/QRN noise reduction I go to the IC-7200 or my old classic IC-756. I know Yeasu can do a really good DSP. I have had the FT-450 which uses an IF-DSP. It did a very good job. But in a side by side comparison, using a A/B antenna switch ICOM did a better job.

If you really have a noise problem borrow a ICOM 7200, 7000, PRO or even a FT-450 and check it out for yourself with the 897 in a A/B switch. Or get an external DSP using new algrithms.

Hope my experiences have been helpful.

73
harry k7zov

[Non-text portions of this message have been removed]

30488. HIDDEN MENU

Yahoo group: FT897 (2010)
Date: 2010-07-05 16:42:27 UTC
From: gary
Topic: 30488 Message: 30488

IS IT NECESSARY TO ADJUST AN 7 YEAR + 897 BACK TO THE FACTORY SPECS ON SOME OF THE MENU ITEMS MINE IS OFF AND TO ADJUST THEM HOW DO U WORK THE RADIO TO KEEP THE NEW SETTINGS / TU ES 73

30489. Re: HIDDEN MENU

Yahoo group: FT897 (2010)
Date: 2010-07-05 23:07:38 UTC
From: W1AEX
Topic: 30488 Message: 30489

Your 897's hidden service menu factory settings are unique and should not be adjusted without a well equipped test bench. What leads you to believe that your settings are incorrect?

Rob W1AEX

--- In FT897@yahoogroups.com, "gary" <n6biz@...> wrote:
>
> IS IT NECESSARY TO ADJUST AN 7 YEAR + 897 BACK TO THE FACTORY SPECS ON SOME OF THE MENU ITEMS MINE IS OFF AND TO ADJUST THEM HOW DO U WORK THE RADIO TO KEEP THE NEW SETTINGS /
> TU ES 73
>

30490. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-06 02:26:50 UTC
From: jerryjohnston
Topic: 30471 Message: 30490

Thanks for your comments... After researching the serial number (2M080XXX), I find it is older than I originally thought (I purchased it used off eBay). According to the s/n, it was manufactured in November 2002.

The service manual does not seem to differentiate between dates of manufacture, at least as far as the alignment adjustments for SSB are concerned.

I was on 20 meters over the weekend and asked for an audio report. The ham at the other end said that there was no cutting in and out as on 6 meters, but that my audio sounded "tinny" as if I were speaking into a tin cup. I am using the MH-31 mic that came with the rig, with the setting on the back side to "2", which is supposed to introduce more bass into the mic. I don't know if this is normal for the basic MH-31 mic, or if another problem with the rig exists.

At this point I'm wondering if I should attempt the bias adjustments or send in the rig for re-alignment, though I'm not sure where to send it.

--- In FT897@yahoogroups.com, "W1AEX" <w1aex.fn31@...> wrote:
>
> Jerry,
>
> Jeff's cautions are well advised. Not all 897's are the same! With that in mind, you say yours is 6 years old, which makes it from the same vintage as my own, which was manufactured in June of 2004 and has a serial number in this category: 4H370xxx
>
> The gritty-distorted-audio issue with my rig started out on 6 meters, and then began to show up on the higher frequency HF bands. The severity of the symptoms also appeared to vary from day to day. It was also sensitive to changes in SWR as the ALC intervened to reduce output power.
>
> It was easy to confirm that this was not an RF feedback issue by monitoring the rig while it dumped power into a dummy load. Another way to check is to solicit a report while running FM in the 10 meter or 6 meter FM regions. If it's clean on FM but sounds nasty on sideband, be suspicious that the final devices are not biased correctly for linear operation.
>
> As it turned out, my unit was very poorly adjusted, with several stages idling close to cut-off. Once it was set to the factory specs it behaved beautifully on all bands. When I checked the settings a year later, they had wandered, but were nowhere close to cut-off. It's not a big deal to check the settings and correct them to the values recommended in the service manual that applies to your rig's serial number.
>
> 73,
>
> Rob W1AEX
>

> --- In FT897@yahoogroups.com, "jerryjohnston" <jerryjohnston@> wrote:
> >
> > I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.
> >
> >
> > A Google search turned up this:
> > http://members.cox.net/w1aex/897idle.html
> >
> > Has anyone else had this problem and found a fix, or can recommend the above fix?
> >
>

30491. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-06 02:28:23 UTC
From: jerryjohnston
Topic: 30471 Message: 30491

The service manual does not seem to differentiate between manufacture dates, so how would I determine which bias settings to use? My rig was manufactured in November of 2002.

--- In FT897@yahoogroups.com, "Jeff" <g8hul@...> wrote:
>
>
>
> Hi
>
> Before you go changing bias settings be aware that the PA devices have
> changed at least once and may be more, and the different devices require
> different bias settings. Make sure that you have the correct values for your
> particular set!!
>
> 73
> Jeff
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> jerryjohnston
> Sent: Friday, July 02, 2010 9:28 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] SSB TX Audio Problem on 6 meters
>
> I've got an approximately 6 year old FT-897. Tonight I was working 6 meters
> SSB and two different contacts mentioned I had poor audio that seemed to be
> cutting in and out. I listened to my on-air transmission via another radio
> and there was distortion and what seemed to be "pulsating" for lack of a
> better description. 15 and 10 meters showed this problem to a lesser degree.
> This only happens on LSB/USB, and not on 20 or 40 meters.
>
> I did notice that if I didn't use the LDG AT-897 tuner first, the problem
> seemed to "sync" with the HSWR indicator on the display.
>
> I tried running on battery to rule out the power supply, same thing. Also
> adjusting my mic gain had no effect (I'm using the standard MH-31 mic).
> Since I don't work above 20 meters much, I don't know how long this problem
> has been occurring.
>
> A Google search turned up this:
> http://members.cox.net/w1aex/897idle.html
>
> Has anyone else had this problem and found a fix, or can recommend the above
> fix?
>

>
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>
> ------------------------------------
>
> Yahoo! Groups Links
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> ------------------------------------
>
> Yahoo! Groups Links
>

30492. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-06 02:31:02 UTC
From: jerryjohnston
Topic: 30471 Message: 30492

I'm not familiar with the DSP ground issue, my rig does have the DSP option installed.

--- In FT897@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> >> this problem has been occurring.
> >>
> >> A Google search turned up this:
> >> http://members.cox.net/w1aex/897idle.html
> >>
> >> Has anyone else had this problem and found a fix, or can recommend the
> >> above fix?
>
> Be very carefull! I did this alignment thinking it was my problem when in fact
> it was the DSP ground issue and the biases were all fine for the serial number
> of my rig. Luckly, I wrote down all the voltages before and also marked the
> pots with whiteout and I was able to return my radio to it's proper setting.
>
> I guess what I'm saying is to make sure your radio is of the right SN and
> construction for the bias settings on that web page.
>
> 73! Glenn K0BO
>

30493. Intermittent Audio

Yahoo group: FT897 (2010)
Date: 2010-07-05 23:07:44 UTC
From: Daniel
Topic: 30493 Message: 30493

My 897d is getting an intermittant audio output on all hf bands. Started developing this problem after about a year now getting worse. Audio goes in an out at different levels. Very annoying. I have no sophisticated test instrumnets. Any suggestions as to how I should tackle this problem? I am sure that I could change out a board; May be better to have someone take a look at it? Has anyone had this problem?

Any advice would be helpful.
Dan

30494. Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-07-05 13:52:58 UTC
From: tom_tuttle@rocketmail.com
Topic: 30278 Message: 30494

But a transformer does transform either mechanically or electrically so it's not fooling the radio. If this were true antenna manufacturers wouldn't have to worry about little things such as forward power and radiated patterns. They could just come out with the Co-At Hang'r series of antennas. No need for band taps or wound coils since we're fooling the radio anyway. And while we're at it we can just use the wire we used on the boat trailer lights for antenna lead. After all we're just fooling the radio.

--- In FT897@yahoogroups.com, "perryc" <canoemaneh@...> wrote:
>
> actually it does fool the radio.
> it does not change the length of anything. it acts as an adjustable impedance transformer to allow the radio to output its full power to a matched impedance antenna.
> it fools the radio into seeing a matched impedance, of 50 ohms.
> with matched impedance, the swr is lowered allowing the radio to output its full power the the unmatched antenna, and feed line.
> the unmatched impedance of the feed line and antenna stays exactly the same, the feed line length stays exactly the same. but the radio sees a matched feed line and a matched antenna.
> so it basically fools the radio.
> so there
> :-)
>
>
>
>
>
>
> --- In FT897@yahoogroups.com, "tom_tuttle@" <tom_tuttle@> wrote:
> >
> >
> >
> > Actually it doesn't "fool" the radio. Tuners use various methods to increase or decrease the length of the antenna lead in order to reduce or "flatten" the standing wave ratio.
> >
> >
> > >I don't wish to sound mean or berating, but this is BASIC radio and >was covered in the study manual.
> >
> > Yes you do.
> >
> > I personally didn't study any manuals. I wrote the answers on the bottom of my flip flops and if I hadn't stepped on that piece of gum I would have aced it.
> >
> > tom

> >
>

30495. Re: [FT897] Re: Power out

Yahoo group: FT897 (2010)
Date: 2010-07-06 08:22:39 UTC
From: Dennis
Topic: 30278 Message: 30495

Obviously you don't get it or just want to argue the point endlessly.

Dennis - N8BMB

On 07/05/2010 08:52, tom_tuttle@... wrote:
>
>
> But a transformer does transform either mechanically or electrically
> so it's not fooling the radio. If this were true antenna manufacturers
> wouldn't have to worry about little things such as forward power and
> radiated patterns. They could just come out with the Co-At Hang'r
> series of antennas. No need for band taps or wound coils since we're
> fooling the radio anyway. And while we're at it we can just use the
> wire we used on the boat trailer lights for antenna lead. After all
> we're just fooling the radio.
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "perryc" <canoemaneh@...> wrote:
> >
> > actually it does fool the radio.
> > it does not change the length of anything. it acts as an adjustable
> impedance transformer to allow the radio to output its full power to a
> matched impedance antenna.
> > it fools the radio into seeing a matched impedance, of 50 ohms.
> > with matched impedance, the swr is lowered allowing the radio to
> output its full power the the unmatched antenna, and feed line.
> > the unmatched impedance of the feed line and antenna stays exactly
> the same, the feed line length stays exactly the same. but the radio
> sees a matched feed line and a matched antenna.
> > so it basically fools the radio.
> > so there
> > :-)
> >
> >
> >
> >
> >
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "tom_tuttle@" <tom_tuttle@> wrote:
> > >
> > >
> > >
> > > Actually it doesn't "fool" the radio. Tuners use various methods

> to increase or decrease the length of the antenna lead in order to
> reduce or "flatten" the standing wave ratio.
> > >
> > >
> > > >I don't wish to sound mean or berating, but this is BASIC radio
> and >was covered in the study manual.
> > >
> > > Yes you do.
> > >
> > > I personally didn't study any manuals. I wrote the answers on the
> bottom of my flip flops and if I hadn't stepped on that piece of gum I
> would have aced it.
> > >
> > > tom
> > >
> >
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30496. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-06 09:33:17 UTC
From: Geert Jan de Groot
Topic: 30471 Message: 30496

> The service manual does not seem to differentiate between manufacture dates,
> so how would I determine which bias settings to use?
> My rig was manufactured in November of 2002.

Actually, it does. The first 2 digits after the year/month code on
the serial number gives the lot code and yes, there are different
settings for different lots.

Current revision of the service manual is Rev C.
If the info you have doesn't have this, chances are the manual you have
is Rev A (also often found on the Internet).
Rev A is really obsolete now; you can tell because it doesn't show
any lot# information.

Yaesu sells service manuals for ~ 10EUR.

Geert Jan

30497. Re: DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-06 11:41:58 UTC
From: ke5dfr@sbcglobal.net
Topic: 30483 Message: 30497

The 897D is a great rig for the money. It does about everything the casual Ham needs it to do, but it is not a serious contest radion. If you want the filtering of a contest rig, you are going to spend several times what an 897D will cost you.

Ken KE5DFR

--- In FT897@yahoogroups.com, PY5VB-Villas Boas <py5vb@...> wrote:
>
> Hi All:
>
> Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very
> deficient and I don´t know if how is eficient in others FT897D units,
> but mine is a very poor feature.
>
> Tnx for information.
>
> Villas - PY5VB
>

30498. Re: [FT897] Re: DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-06 13:54:49 UTC
From: Chris Baker
Topic: 30483 Message: 30498

As a side, I find the BHi dsp filter as an external extra improves the audio on Rx,

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
G-QRP: 6884
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Tue, 6/7/10, ke5dfr@... <ke5dfr@...> wrote:

From: ke5dfr@...t <ke5dfr@...>
Subject: [FT897] Re: DNF filter
To: FT897@yahoogroups.com
Date: Tuesday, 6 July, 2010, 12:41

The 897D is a great rig for the money. It does about everything the casual Ham needs it to do, but it is not a serious contest radion. If you want the filtering of a contest rig, you are going to spend several times what an 897D will cost you.

Ken KE5DFR

--- In FT897@yahoogroups.com, PY5VB-Villas Boas <py5vb@...> wrote:
>
> Hi All:
>
> Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very
> deficient and I don´t know if how is eficient in others FT897D units,
> but mine is a very poor feature.
>
> Tnx for information.
>
> Villas - PY5VB
>

[Non-text portions of this message have been removed]

30499. Re: [FT897] Re: DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-06 15:19:29 UTC
From: Alex Schwarz
Topic: 30483 Message: 30499

Hi Chris;

The real filtering for best results in noise suppression has to happen in the IF level before the demodulation.

If you want to have the cleanest audio possible you should check ou tour site:

http://users.skynet.be/myspace/mdsr

I recommend this to anyone.....

Alex
VE7DXW

From: Chris Baker <honywood@...>
To: FT897@yahoogroups.com
Sent: Tue, July 6, 2010 6:54:49 AM
Subject: Re: [FT897] Re: DNF filter

As a side, I find the BHi dsp filter as an external extra improves the audio on Rx,

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
G-QRP: 6884
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Tue, 6/7/10, ke5dfr@... <ke5dfr@...> wrote:

From: ke5dfr@... <ke5dfr@...>
Subject: [FT897] Re: DNF filter
To: FT897@yahoogroups.com
Date: Tuesday, 6 July, 2010, 12:41

The 897D is a great rig for the money. It does about everything the casual Ham needs it to do, but it is not a serious contest radion. If you want the filtering of a contest rig, you are going to spend several times what an 897D will cost you.

Ken KE5DFR

--- In FT897@yahoogroups.com, PY5VB-Villas Boas <py5vb@...> wrote:
>
> Hi All:
>
> Any mod/Adjust for more efetive DNF ? in my FT897D the DNF is very
> deficient and I don´t know if how is eficient in others FT897D units,
> but mine is a very poor feature.
>
> Tnx for information.
>
> Villas - PY5VB
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30500. Re: [FT897] Re: DNF filter

Yahoo group: FT897 (2010)
Date: 2010-07-06 15:26:05 UTC
From: Dan Schaaf
Topic: 30483 Message: 30500

Hi Alex

You are correct with one exception. The best CW filter is a sharp Crystal or Mechanical Filter. The "heard" signal strength seems to improve when the filter is on.
DSP can't do that. IF or AF DSP.
I have been comparing my FT-2000 with my FT-897D and FT-920 and in terms of pulling out the weak CW signal, the optional filter does it better than the DSP.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

[Non-text portions of this message have been removed]

30501. Re: [FT897] Re: Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-08 20:12:16 UTC
From: Scott Chrestman
Topic: 30475 Message: 30501

Thanks Andy! I'll finally have some time this evening to devote to the issue
and will see what I can find. I sincerely appreciate the input!

73
Scott, N5KRC

On Mon, Jul 5, 2010 at 9:13 AM, G0JLX <g0jlx@...> wrote:

>
>
> Scott,
>
> You may have a grounding short on the power cable or power connector to one
> of the bottom sensing pins - the 857 has a 20W "switch" setting if the
> bottom left power connection is grounded. Could be the same on the 897 ?
> Could even be a solder whisker. Info from DJ3NRA on mods.dk
>
> Good luck & 73
> Andy
> GØJLX
>

[Non-text portions of this message have been removed]

30502. After tuning in high power, LDG AT-897 tuner seems to fail.

Yahoo group: FT897 (2010)
Date: 2010-07-08 17:49:10 UTC
From: klokkenman
Topic: 30502 Message: 30502

After getting donated a defect AT-897 tuner, I looked into the device to try to solve the problem.
At first I thought something must be wrong with one of the L-C circuits because of a too high HF input during tuning. After a little understanding of the operation, and trying the tuner in the stand-by mode connected to a dummy load. The outcome was a high SWR. Some measurements later the first relay K8 seems to be closed for bypass and operation at the same time.
No other components are connected parallel with these switches, so probably this relay has been melted inside. No marks at the outside what so ever.
Before I start to dismount he relay, and probably burn off some parts of the print-board, and have no understanding of how the relays are controlled, I place this story as a topic hoping that another member may give me some handouts or advice
If my conclusion is correct, I am also looking for a new relays or another defect specimen using the same relays. HFD2-009-S-L2-D(555)

30503. Re: [FT897] After tuning in high power, LDG AT-897 tuner seems to fail.

Yahoo group: FT897 (2010)
Date: 2010-07-09 01:12:54 UTC
From: af2c@njdxa.org
Topic: 30502 Message: 30503

I wonder if you have thought about calling LDG and speaking with one of
their technicians.

Just a thought.

73,
Jay/AF2C

At 05:49 PM 7/8/2010 +0000, you wrote:
>
>
>After getting donated a defect AT-897 tuner, I looked into the device to
>try to solve the problem.
>At first I thought something must be wrong with one of the L-C circuits
>because of a too high HF input during tuning. After a little understanding
>of the operation, and trying the tuner in the stand-by mode connected to a
>dummy load. The outcome was a high SWR. Some measurements later the first
>relay K8 seems to be closed for bypass and operation at the same time.
>No other components are connected parallel with these switches, so
>probably this relay has been melted inside. No marks at the outside what
>so ever.
>Before I start to dismount he relay, and probably burn off some parts of
>the print-board, and have no understanding of how the relays are
>controlled, I place this story as a topic hoping that another member may
>give me some handouts or advice
>If my conclusion is correct, I am also looking for a new relays or another
>defect specimen using the same relays. HFD2-009-S-L2-D(555)

[Non-text portions of this message have been removed]

30504. Internal SWR meter reading

Yahoo group: FT897 (2010)
Date: 2010-07-09 02:19:39 UTC
From: bragucci
Topic: 30504 Message: 30504

I remember seeing a post describing how to interpret the internal meter for SWR. It's just a bar graph and I can't figure out how to read it.
Thx
Bart

30505. Re: [FT897] Internal SWR meter reading

Yahoo group: FT897 (2010)
Date: 2010-07-09 03:48:21 UTC
From: Dean Gibson AE7Q
Topic: 30504 Message: 30505

On 2010-07-08 19:19, bragucci wrote:
> I remember seeing a post describing how to interpret the internal meter for SWR. It's just a bar graph and I can't figure out how to read it.
> Thx Bart
>

The way I remember it is, the meter is proportional to the percentage "p" of reflected voltage (like most SWR meters). Then, it's VSWR = (1+p)/(1-p)
**
So, half scale is 3:1, quarter scale is 1.6, 1/5 scale is 1.5, and so on.

I've always thought that SWR really needs to be understood (or worried about) in terms of percentage of reflected power anyway, so why compute VSWR and then compute back? 50% (half scale) is 25% reflected power; 25% (quarter scale) is 6.25% reflected power; 20% (1/5 scale) is 4% reflected power, and so on (express the percentage as a fraction and then square it). I would think that anything under 10% reflected power for solid state devices is OK, and anything under 5% is great. Forget the @#$%* SWR number !!!

The only reason I can think of to think in terms of SWR is when talking to someone else who speaks SWR, or when reading spec. sheets.

-- Dean

[Non-text portions of this message have been removed]

30506. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-09 06:06:40 UTC
From: jerryjohnston
Topic: 30471 Message: 30506

Hi Rob,

I performed the alignment per your page at http://members.cox.net/w1aex/897idle.html - but am still having problem at high power (100w). Alignment was performed at 5 watts as I have only a small dummy load.

After noting the existing value for each step, I aligned to bring to the Yaesu specs or slightly above after reading that's how you set your rig. I did this while running 5 watts into a dummy load. The exciter stage idling current was at 180 ma (combined) and after setting them at 108/216 that step seemed to make the most difference when I listened on-air after each step (step 1 pre-driver and driver bias had no effect). I went ahead and did the power amplifier step also.

After completing, I noticed two things:

1) Power reading on my LDG meter (plugged into bottom of FT-897) shows a max power of around 30-35 watts, even when rig is set at 100 watts. If rig is set at 10 watts, LDG meter reads 10 watts but as I increase power it seems to max out about 30-35 watts.

2) When listening to my signal on-air, while everything sounds great at 5-10 watts but as I increase power the audio gets worse and starts cutting out as before.

So, should the alignment have been done at full power 100W? If so, what alignment steps do I need to repeat (hopefully not step 1 as soldering to the test pads was difficult). Also, if I align at 100W will audio still be okay at lower power as well?

Sorry for all the questions...

--- In FT897@yahoogroups.com, "W1AEX" <w1aex.fn31@...> wrote:
>
> Jerry,
>
> Jeff's cautions are well advised. Not all 897's are the same! With that in mind, you say yours is 6 years old, which makes it from the same vintage as my own, which was manufactured in June of 2004 and has a serial number in this category: 4H370xxx
>
> The gritty-distorted-audio issue with my rig started out on 6 meters, and then began to show up on the higher frequency HF bands. The severity of the symptoms also appeared to vary from day to day. It was also sensitive to changes in SWR as the ALC intervened to reduce output power.
>
> It was easy to confirm that this was not an RF feedback issue by monitoring the rig while it dumped power into a dummy load. Another way to check is to solicit a report while running FM in the 10 meter or 6 meter FM regions. If it's clean on FM but sounds nasty on sideband, be suspicious that the final devices are not biased correctly for linear operation.
>

> As it turned out, my unit was very poorly adjusted, with several stages idling close to cut-off. Once it was set to the factory specs it behaved beautifully on all bands. When I checked the settings a year later, they had wandered, but were nowhere close to cut-off. It's not a big deal to check the settings and correct them to the values recommended in the service manual that applies to your rig's serial number.
>
> 73,
>
> Rob W1AEX
>
> --- In FT897@yahoogroups.com, "jerryjohnston" <jerryjohnston@> wrote:
> >
> > I've got an approximately 6 year old FT-897. Tonight I was working 6 meters SSB and two different contacts mentioned I had poor audio that seemed to be cutting in and out. I listened to my on-air transmission via another radio and there was distortion and what seemed to be "pulsating" for lack of a better description. 15 and 10 meters showed this problem to a lesser degree. This only happens on LSB/USB, and not on 20 or 40 meters.
> >
> >
> > A Google search turned up this:
> > http://members.cox.net/w1aex/897idle.html
> >
> > Has anyone else had this problem and found a fix, or can recommend the above fix?
> >
>

30507. Re: [FT897] Internal SWR meter reading

Yahoo group: FT897 (2010)
Date: 2010-07-09 07:21:31 UTC
From: Cosmin Marcu
Topic: 30504 Message: 30507

Check the group files... you will find a file named "ft897_scales.pdf" with the equivalent power and swr meter values.

73s Cosmin-yo5orw

From: bragucci <bragucci@...>
To: FT897@yahoogroups.com
Sent: Fri, July 9, 2010 5:19:39 AM
Subject: [FT897] Internal SWR meter reading

I remember seeing a post describing how to interpret the internal meter for SWR.
It's just a bar graph and I can't figure out how to read it.
Thx
Bart

[Non-text portions of this message have been removed]

30508. Re: After tuning in high power, LDG AT-897 tuner seems to fail.

Yahoo group: FT897 (2010)
Date: 2010-07-09 08:14:21 UTC
From: klokkenman
Topic: 30502 Message: 30508

Thnx Jay.
Being dutch makes it a bit difficult for me speaking with one of their technicians. Especially the technical part. I did send a mail instead.
They responded within two hours, and without any further conversation they are sending me a couple of relays with no charge. Not even for the shipping. The most amazing service I've ever seen.
So I think they agreed with my conclusion.

Rob/ PD2SD

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> I wonder if you have thought about calling LDG and speaking with one of
> their technicians.
>
> Just a thought.
>
> 73,
> Jay/AF2C

30509. SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 14:01:35 UTC
From: Danny Loyd
Topic: 30509 Message: 30509

I have already looked at the files on this group for the answer to this question and was unable to find it. So here is the question, I just recently ordered and received a SIGNALINK USB and have done the pin-out on JP-1 as instructed by the manual. When I plug the SIGNALINK into the FT-897, even with no power on the SIGNALINK or even plugged to the computer, the radio starts acting like it is keying and unkeying constantly and when I unplug the cable from the data port it stops. I have checked the pin-out against the 897 manual and everything looks good.

My question is, has anyone else had this problem with the SIGNALINK and what did you do to correct it?

Thanks in advance for the advise,

Danny
KE5WDI

30510. Re: [FT897] SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 22:04:16 UTC
From: KB1TCD
Topic: 30509 Message: 30510

Danny,

No, we have not had any problems w/Signalink hooked up to the rig, matter of fact, I'm using it right now to hook up to winmor.
It's been a while, but if I recall correctly, there where at least two jumpers that we had to install.

I can look it up again sometime soon. We just redid the shack; no HF for two days...withdrawals!!!
Still in a bit of disarray state here.

Cheers,

Jose Douglas
Round Pond, ME
KB1TCD

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Fri, July 9, 2010 10:01:35 AM
Subject: [FT897] SIGNALINK on FT-897

I have already looked at the files on this group for the answer to this question

and was unable to find it. So here is the question, I just recently ordered and received a SIGNALINK USB and have done the pin-out on JP-1 as instructed by the manual. When I plug the SIGNALINK into the FT-897, even with no power on the SIGNALINK or even plugged to the computer, the radio starts acting like it is keying and unkeying constantly and when I unplug the cable from the data port it

stops. I have checked the pin-out against the 897 manual and everything looks good.

My question is, has anyone else had this problem with the SIGNALINK and what did

you do to correct it?

Thanks in advance for the advise,

Danny
KE5WDI

[Non-text portions of this message have been removed]

30511. Re: [FT897] SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 23:29:45 UTC
From: Jim N7TCF
Topic: 30509 Message: 30511

I used the jumper to increase the 897's audio. Otherwise I had the
Signalink input pot at max. Works well.

Jim N7TCF

Danny Loyd wrote:
>
>
> I have already looked at the files on this group for the answer to this
> question
> and was unable to find it. So here is the question, I just recently
> ordered and
> received a SIGNALINK USB and have done the pin-out on JP-1 as instructed
> by the
> manual. When I plug the SIGNALINK into the FT-897, even with no power on
> the
> SIGNALINK or even plugged to the computer, the radio starts acting like
> it is
> keying and unkeying constantly and when I unplug the cable from the data
> port it
> stops. I have checked the pin-out against the 897 manual and everything
> looks
> good.
>
> My question is, has anyone else had this problem with the SIGNALINK and
> what did
> you do to correct it?
>
> Thanks in advance for the advise,
>
> Danny
> KE5WDI
>
>

30512. Re: SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 22:54:07 UTC
From: stykemup
Topic: 30509 Message: 30512

Danny:
I use the Signalink with my 897D with no problems.
At first... a year ago or so, I had a problem like yours and found I had a jumper in the wrong place.
Needless to say I double checked, but on the final inspection (3rd time) I found the jumper was the problem.
Bill

[Non-text portions of this message have been removed]

30513. Need help with a Silverado installation

Yahoo group: FT897 (2010)
Date: 2010-07-10 02:10:45 UTC
From: Vince
Topic: 30513 Message: 30513

Hi Guys, I have a 2006 Chevy Silverado and would like to mount the radio on the hump just in front of the heater vent. I live in Florida so it doesn't get much use. Anyway I have seen a number of hump mount solutions but is there a plate that attaches to the radio? What screws would a mounting plate attach to?

30514. Re: [FT897] Need help with a Silverado installation

Yahoo group: FT897 (2010)
Date: 2010-07-10 04:16:35 UTC
From: Gary Altig
Topic: 30513 Message: 30514

DE N7UVL,
The Mobile mounting bracket is a 3 piece mount.
2 side brackets, with the main cross piece between./ga

----- Original Message -----
From: Vince<mailto:bigv316@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, July 09, 2010 7:10 PM
Subject: [FT897] Need help with a Silverado installation

Hi Guys, I have a 2006 Chevy Silverado and would like to mount the radio on the hump just in front of the heater vent. I live in Florida so it doesn't get much use. Anyway I have seen a number of hump mount solutions but is there a plate that attaches to the radio? What screws would a mounting plate attach to?

[Non-text portions of this message have been removed]

30515. Re: SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-10 09:27:01 UTC
From: JonP
Topic: 30509 Message: 30515

It works beautifully for me.

There are at least two different pin-outs given by SignaLink for the FT-897 -- one if you're connecting via the RJ-45 Mic Connector and the other if you're connecting via the 6-pin Mini DIN Data Port Connector in the back of the radio. Make sure that you're using the right one.

Also, make sure that the pin-out you're using specifically says that it is for the FT-897.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
> I just recently ordered and received a SIGNALINK USB and have done the pin-out on JP-1 as instructed by the manual.

30516. True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-10 17:14:07 UTC
From: stereoimage73
Topic: 30516 Message: 30516

Just got my ticket and purchased the FT 897D new. Also got the LDG FT Meter for the 897 D (plugs in to the radio) so I can check SWR and and other parameters.

I am using with an MFJ 1625 balcony antenna. Getting a 1.2 to 1 match on 20 meters. When I transmit (and referencing power output on meter) Im only seeing max 50 watts output with the radio set at 100 watts.

I thought the

I believe the radio will put out a MAXIMUM of 100 watts but the average will be a bit less than that.

Question:

a.The big question. Does the meter represent the real radio output or is the output of the radio affected with an antenna/tuner load?.

b. Will SSB power output or metering differ from AM/CW/FM modes?

Since the LDG meter never shows more than 50 watt peaks (and its a new radio) I'm not sure what what referencing.

Thanks for any opinions. I'm new to this and want to get as much information as possible. I would have called Yaesu but they are closed on Saturday.

Regards
Mark
KD8OLI

30517. Re: SSB TX Audio Problem on 6 meters

Yahoo group: FT897 (2010)
Date: 2010-07-10 18:41:18 UTC
From: W1AEX
Topic: 30471 Message: 30517

Hi Jerry,

Since you are only adjusting the idling current, it makes no difference what the power is set to during the procedure, and these adjustments will have no affect on the output power when drive is applied afterward. If you are not seeing full power output from the rig, and distortion is occurring as you attempt to operate at high power, it's possible that one of the output transistors has failed, or more likely, one of the driver or exciter FETs. I think you mentioned that your 897D was from a 2002 production run, which might be old enough to be using 2SK2973 devices in the driver stage, and 2SK2975 devices in the exciter stage. I'm afraid they are quite famous for failing. If one of those has failed, it will produce the symptoms you are seeing, with low output, and distortion. I'm sure that's not what you wanted to hear.

I agree that the little solder pads are pretty annoying, but it would be worth going through the procedure again, just to double check all the settings. Again, it makes no difference what the power is set to, since no RF drive is being applied during the adjustment steps. If all the numbers look to be in the ballpark, and you are still having issues at higher power, it's likely a device in one of the TX power stages has failed.

Good luck!

Rob W1AEX

30518. Re: [FT897] True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-10 20:20:31 UTC
From: Carl Wulfestieg
Topic: 30516 Message: 30518

Mark-
A) Yes, real radio output. When the radio "sees" a 50 Ohm load (i.e. the antenna is "tuned"), it puts out the maximum you have set.
B) Yes, the meter reading will be different, depending what mode you are using. Perhaps you should go back and review the difference between an average reading meter and a peak reading meter. An average reading meter will read about half of your power output setting on SSB. The other modes will read closer to your actual power setting.
Good Luck! You've got a great radio! I bet you'll find, like I did, that the LDG Meter is the best $50 you ever spent.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30519. blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-10 22:07:15 UTC
From: DaniloI
Topic: 30519 Message: 30519

I'm 99% CW user and all of a sudden on 30m band CW, when I press the key down, the 897 got blocked in tx and the only way to stop it is to switch the radio off. This failure happens both with vertical key and bug.
After switching on, the radio is on rx but again when I key down, it becomes stuck on tx. I made a test in SSB and it is working regularly.
This strange thing only happens on 30m band CW; when switching to all other bands (and press the key down), it works properly.
Any suggestions?
Thanks beforehand for the help.
73 Daniel IK1XHN
Genoa, Italy

30520. ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-09 12:58:49 UTC
From: ve2whz
Topic: 30520 Message: 30520

i have buy a ft-897d

i no have power on uhf or very low at 50mw...

hf ok
50m ok
vhf ok

the final is not the same on vhf/uhf ??

i have check all setting power mod ...

do you have idea ??

30521. Re: SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 17:59:28 UTC
From: cergender
Topic: 30509 Message: 30521

Sounds a bit strange?? If you have read and adhered to the instructions carefully and all the settings are right, it should not behave like that. It is advisable to connect the cables when all equipment is unpowered. I suppose you have some wrong setting somewhere or JP-1 has a loose contact?

Ben

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have already looked at the files on this group for the answer to this question
> and was unable to find it. So here is the question, I just recently ordered and
> received a SIGNALINK USB and have done the pin-out on JP-1 as instructed by the
> manual. When I plug the SIGNALINK into the FT-897, even with no power on the
> SIGNALINK or even plugged to the computer, the radio starts acting like it is
> keying and unkeying constantly and when I unplug the cable from the data port it
> stops. I have checked the pin-out against the 897 manual and everything looks
> good.
>
>
> My question is, has anyone else had this problem with the SIGNALINK and what did
> you do to correct it?
>
> Thanks in advance for the advise,
>
> Danny
> KE5WDI
>

30522. Re: HIDDEN MENU

Yahoo group: FT897 (2010)
Date: 2010-07-09 17:48:16 UTC
From: cergender
Topic: 30488 Message: 30522

I think you only need to do the microprocessor resetting as instructed
on page 63 of the manual. The hidden menu is something else and better leave it alone.

--- In FT897@yahoogroups.com, "gary" <n6biz@...> wrote:
>
> IS IT NECESSARY TO ADJUST AN 7 YEAR + 897 BACK TO THE FACTORY SPECS ON SOME OF THE MENU ITEMS MINE IS OFF AND TO ADJUST THEM HOW DO U WORK THE RADIO TO KEEP THE NEW SETTINGS /
> TU ES 73
>

30523. Re: [FT897] SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-09 14:48:22 UTC
From: Don Russell
Topic: 30509 Message: 30523

On 7/9/2010 9:01 AM, Danny Loyd wrote:
>
> I have already looked at the files on this group for the answer to
> this question
> and was unable to find it. So here is the question, I just recently
> ordered and
> received a SIGNALINK USB and have done the pin-out on JP-1 as
> instructed by the
> manual. When I plug the SIGNALINK into the FT-897, even with no power
> on the
> SIGNALINK or even plugged to the computer, the radio starts acting
> like it is
> keying and unkeying constantly and when I unplug the cable from the
> data port it
> stops. I have checked the pin-out against the 897 manual and
> everything looks
> good.
>
> My question is, has anyone else had this problem with the SIGNALINK
> and what did
> you do to correct it?
>
> Thanks in advance for the advise,
>
> Danny
> KE5WDI
>
I had a similar issue with my FT-100D. Ended up being a ground loop,
more of a lack of a ground
path between the Radio and the computer. Try an alligator clip from the
ground of the radio to
a chassis ground on the computer (case screw) and see if it behaves. I
had really bad AC hum,
and tx chatter until I added the ground, then dead silent.

--
Don Russell, CBRE W9DRR - ARRL OES, Technical Specialist - AEC Winnebago
County --

[Non-text portions of this message have been removed]

30524. Re: [FT897] blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-10 23:32:57 UTC
From: Unit365
Topic: 30519 Message: 30524

Hello

try to reset the radio to factory defaults

73's
F4FQH Olivier

From: DaniloI
Sent: Sunday, July 11, 2010 12:07 AM
To: FT897@yahoogroups.com
Subject: [FT897] blocked tx on 30m cw

I'm 99% CW user and all of a sudden on 30m band CW, when I press the key down, the 897 got blocked in tx and the only way to stop it is to switch the radio off. This failure happens both with vertical key and bug.
After switching on, the radio is on rx but again when I key down, it becomes stuck on tx. I made a test in SSB and it is working regularly.
This strange thing only happens on 30m band CW; when switching to all other bands (and press the key down), it works properly.
Any suggestions?
Thanks beforehand for the help.
73 Daniel IK1XHN
Genoa, Italy

[Non-text portions of this message have been removed]

30525. Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-10 15:54:48 UTC
From: Mike
Topic: 30525 Message: 30525

Net control advises that he can read me fine, but that I'm not engaging the repeater.
146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

30526. Re: [FT897] True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-10 17:26:50 UTC
From: Rob Stampfli
Topic: 30516 Message: 30526

On Sat, Jul 10, 2010 at 05:14:07PM -0000, stereoimage73 wrote:
> I am using with an MFJ 1625 balcony antenna. Getting a 1.2 to 1 match on 20 meters. When I transmit (and referencing power output on meter) Im only seeing max 50 watts output with the radio set at 100 watts.
>
> I thought the
>
> I believe the radio will put out a MAXIMUM of 100 watts but the average will be a bit less than that.
>
> Question:
>
> a.The big question. Does the meter represent the real radio output or is the output of the radio affected with an antenna/tuner load?.

Your 897 is probably OK. The meter is indicating average power output.
The 100W rating is for PEP or peak power. Typically, on SSB, average
power is 1/3 +/- of peak power, depending on the characteristics of
your voice.

> b. Will SSB power output or metering differ from AM/CW/FM modes?

The metering isn't different, but for CW and FM, average power is
peak power due to the nature of the signal. AM is more complicated.

> Since the LDG meter never shows more than 50 watt peaks (and its a new radio) I'm not sure what what referencing.

Try whistling into the mic. A whistle should produce something
approximating a pure tone, and for a pure tone, average power is
peak power, so you should see something close to 100W output.

Your other alternative is to pick up an external peak-reading
wattmeter.

Enjoy your 897!

Rob / KD8WK

30527. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 04:13:54 UTC
From: Alan E. Lutz
Topic: 30525 Message: 30527

You set the tone frequency but it appears you didn't activate the tone. Multi Function row "e" select TON. It's in the manual on page 34.

73 de Alan
AE1NH

----- Original Message -----
From: Mike
To: FT897@yahoogroups.com
Sent: Saturday, July 10, 2010 11:54 AM
Subject: [FT897] Trouble engaging a repeater

Net control advises that he can read me fine, but that I'm not engaging the repeater. 146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

[Non-text portions of this message have been removed]

30528. Re: [FT897] True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-11 04:24:33 UTC
From: Dennis
Topic: 30516 Message: 30528

See prior posts regarding rf output all within the last month.

Dennis - N8BMB

On 07/10/2010 12:14, stereoimage73 wrote:
>
> Just got my ticket and purchased the FT 897D new. Also got the LDG FT
> Meter for the 897 D (plugs in to the radio) so I can check SWR and and
> other parameters.
>
> I am using with an MFJ 1625 balcony antenna. Getting a 1.2 to 1 match
> on 20 meters. When I transmit (and referencing power output on meter)
> Im only seeing max 50 watts output with the radio set at 100 watts.
>
> I thought the
>
> I believe the radio will put out a MAXIMUM of 100 watts but the
> average will be a bit less than that.
>
> Question:
>
> a.The big question. Does the meter represent the real radio output or
> is the output of the radio affected with an antenna/tuner load?.
>
> b. Will SSB power output or metering differ from AM/CW/FM modes?
>
> Since the LDG meter never shows more than 50 watt peaks (and its a new
> radio) I'm not sure what what referencing.
>
> Thanks for any opinions. I'm new to this and want to get as much
> information as possible. I would have called Yaesu but they are closed
> on Saturday.
>
> Regards
> Mark
> KD8OLI
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30529. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 05:24:31 UTC
From: Carl Wulfestieg
Topic: 30525 Message: 30529

You have to save all the settings, input frequency, offset, tone, into a memory channel or it won't work!
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30530. Re: [FT897] blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-11 10:37:03 UTC
From: Danilo I.A.
Topic: 30519 Message: 30530

TU Olivier,
I did it with success. Now working fine again.
73 Danilo IK1XHN

2010/7/11 Unit365 <unit365@...>

>
>
> Hello
>
> try to reset the radio to factory defaults
>
> 73's
> F4FQH Olivier
>
> From: DaniloI
> Sent: Sunday, July 11, 2010 12:07 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] blocked tx on 30m cw
>
>
> I'm 99% CW user and all of a sudden on 30m band CW, when I press the key
> down, the 897 got blocked in tx and the only way to stop it is to switch the
> radio off. This failure happens both with vertical key and bug.
> After switching on, the radio is on rx but again when I key down, it
> becomes stuck on tx. I made a test in SSB and it is working regularly.
> This strange thing only happens on 30m band CW; when switching to all other
> bands (and press the key down), it works properly.
> Any suggestions?
> Thanks beforehand for the help.
> 73 Daniel IK1XHN
> Genoa, Italy
>
> [Non-text portions of this message have been removed]
>
>
>

--
Danilo Imperatore-Antonucci IK1XHN

I.N.O.R.C. # 582 - A.R.M.I. # 169

http://www.qrz.com/db/ik1xhn

[Non-text portions of this message have been removed]

30531. FT-897D / MFJ-1026

Yahoo group: FT897 (2010)
Date: 2010-07-11 11:13:46 UTC
From: Walter Jr.
Topic: 30531 Message: 30531

I need help to connect the T / R CONTROL of the MFJ-1026 in my Yaesu FT-897D

73´s

PY4ZO

Walter Jr.

[Non-text portions of this message have been removed]

30532. Re: [FT897] blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-11 13:27:01 UTC
From: Patrick
Topic: 30519 Message: 30532

Sounds like a RFI problem.

On Sat, Jul 10, 2010 at 6:07 PM, DaniloI <danilo.ik1xhn@...> wrote:

>
>
> I'm 99% CW user and all of a sudden on 30m band CW, when I press the key
> down, the 897 got blocked in tx and the only way to stop it is to switch the
> radio off. This failure happens both with vertical key and bug.
> After switching on, the radio is on rx but again when I key down, it
> becomes stuck on tx. I made a test in SSB and it is working regularly.
> This strange thing only happens on 30m band CW; when switching to all other
> bands (and press the key down), it works properly.
> Any suggestions?
> Thanks beforehand for the help.
> 73 Daniel IK1XHN
> Genoa, Italy
>
>
>

[Non-text portions of this message have been removed]

30533. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 14:00:44 UTC
From: Alan E. Lutz
Topic: 30525 Message: 30533

Carl,

I know from my own experience that you do not have to save into a memory for it to work.

73 de Alan
AE1NH

----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Sunday, July 11, 2010 1:24 AM
Subject: Re: [FT897] Trouble engaging a repeater

You have to save all the settings, input frequency, offset, tone, into a memory channel or it won't work!
73 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30534. Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-11 14:53:17 UTC
From: Hank
Topic: 30520 Message: 30534

Is the antenna on the vhf side a dual-band antenna? The radio will scale power back if it detects a high swr. Being that vhf is ok, that was my first thought.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "ve2whz" <ve2whz@...> wrote:
>
> i have buy a ft-897d
>
>
> i no have power on uhf or very low at 50mw...
>
> hf ok
> 50m ok
> vhf ok
>
>
> the final is not the same on vhf/uhf ??
>
> i have check all setting power mod ...
>
> do you have idea ??
>

30535. Re: [FT897] blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-11 15:01:23 UTC
From: Danilo I.A.
Topic: 30519 Message: 30535

Patrick,
tks for yr thought.
As per Olivier suggestion, I did a reset and problem disappeared. However
I'll put some ferrite cores on the cable just in case.
Tks everyone.
73 Daniel IK1XHN

2010/7/11 Patrick <milw156@...>

> Sounds like a RFI problem.
>
> On Sat, Jul 10, 2010 at 6:07 PM, DaniloI <danilo.ik1xhn@...> wrote:
>
> >
> >
> > I'm 99% CW user and all of a sudden on 30m band CW, when I press the key
> > down, the 897 got blocked in tx and the only way to stop it is to switch
> the
> > radio off. This failure happens both with vertical key and bug.
> > After switching on, the radio is on rx but again when I key down, it
> > becomes stuck on tx. I made a test in SSB and it is working regularly.
> > This strange thing only happens on 30m band CW; when switching to all
> other
> > bands (and press the key down), it works properly.
> > Any suggestions?
> > Thanks beforehand for the help.
> > 73 Daniel IK1XHN
> > Genoa, Italy
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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--
Danilo Imperatore-Antonucci IK1XHN

I.N.O.R.C. # 582 - A.R.M.I. # 169

http://www.qrz.com/db/ik1xhn

[Non-text portions of this message have been removed]

30536. Re: [FT897] blocked tx on 30m cw

Yahoo group: FT897 (2010)
Date: 2010-07-11 15:05:43 UTC
From: Unit365
Topic: 30519 Message: 30536

Nice !
niente.

73's
Olivier

From: Danilo I.A.
Sent: Sunday, July 11, 2010 12:37 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] blocked tx on 30m cw

TU Olivier,
I did it with success. Now working fine again.
73 Danilo IK1XHN

2010/7/11 Unit365 <unit365@...>

>
>
> Hello
>
> try to reset the radio to factory defaults
>
> 73's
> F4FQH Olivier
>
> From: DaniloI
> Sent: Sunday, July 11, 2010 12:07 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] blocked tx on 30m cw
>
>
> I'm 99% CW user and all of a sudden on 30m band CW, when I press the key
> down, the 897 got blocked in tx and the only way to stop it is to switch the
> radio off. This failure happens both with vertical key and bug.
> After switching on, the radio is on rx but again when I key down, it
> becomes stuck on tx. I made a test in SSB and it is working regularly.
> This strange thing only happens on 30m band CW; when switching to all other
> bands (and press the key down), it works properly.
> Any suggestions?
> Thanks beforehand for the help.
> 73 Daniel IK1XHN
> Genoa, Italy
>
> [Non-text portions of this message have been removed]
>

>
>

--
Danilo Imperatore-Antonucci IK1XHN

I.N.O.R.C. # 582 - A.R.M.I. # 169

http://www.qrz.com/db/ik1xhn

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30537. Power level and memory clear settings

Yahoo group: FT897 (2010)
Date: 2010-07-11 18:02:44 UTC
From: kj6cfi
Topic: 30537 Message: 30537

I can't seem to find 2 items in the manual for my FT-897D:
1) Is there any way to delete all stored memories (clear the memory)?
2) Is there any way to lower the transmit power on SSB HF to 50 watts?
Any help in finding these answers would be greatly appreciated.
Thank you, Denny Dollahon, KJ6CFI.

30538. Re: [FT897] Power level and memory clear settings

Yahoo group: FT897 (2010)
Date: 2010-07-11 18:28:52 UTC
From: Joe
Topic: 30537 Message: 30538

Hi Dan!

Might I recommend you consider purchasing a Nifty Mini Manual from Nifty! Ham Accessories.

Their URL is www.niftyaccessories.com

This Nifty manual is small and has many features, One feature that is nice for new radio owners, is the pages are plastic covered so one can make notes with out damaging the page itself.....They are quite reasonable. I have one for every radio I own.

To answer your questions:
1. [V/M]+ power on, resets all memories and following menu settings: 06, 33, 52, 56, 76, 82, and 83.
[F] + power on, Resets all menu settings except the following menu items: 06, 33, 52, 56, 76, 82, and 83.
[HOME] + power on, is the Master reset for the whole radio, memories and menu settings.
These setting can be found on page 65 of the FT897D printed manual

2. Menu 75 is the HF power set, adjusts 0 to 100 watts out. This can be found on page 61 of the printed manual.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "kj6cfi" <kj6cfi@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, July 11, 2010 11:02 AM
Subject: [FT897] Power level and memory clear settings

>I can't seem to find 2 items in the manual for my FT-897D:
> 1) Is there any way to delete all stored memories (clear the memory)?
> 2) Is there any way to lower the transmit power on SSB HF to 50 watts?

30539. Re: [FT897] Power level and memory clear settings

Yahoo group: FT897 (2010)
Date: 2010-07-11 19:12:56 UTC
From: Curt Givens
Topic: 30537 Message: 30539

Denny, Item 75 I believe in the menu will let you set the rf output for your current mode so if ur in SSB HF you can dial anything from 5 to 100 hold the function key for 1 or 2 seconds (beep) and it's set

de Curt KC8STE/AAR5VR
73

--- On Sun, 7/11/10, kj6cfi <kj6cfi@...> wrote:

From: kj6cfi <kj6cfi@...>
Subject: [FT897] Power level and memory clear settings
To: FT897@yahoogroups.com
Date: Sunday, July 11, 2010, 2:02 PM

I can't seem to find 2 items in the manual for my FT-897D:

1) Is there any way to delete all stored memories (clear the memory)?

2) Is there any way to lower the transmit power on SSB HF to 50 watts?

Any help in finding these answers would be greatly appreciated.

Thank you, Denny Dollahon, KJ6CFI.

[Non-text portions of this message have been removed]

30540. RE: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 19:22:35 UTC
From: Richard Drevo
Topic: 30525 Message: 30540

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Mike
Sent: Saturday, July 10, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: [FT897] Trouble engaging a repeater

Net control advises that he can read me fine, but that I'm not engaging the repeater. 146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

[Non-text portions of this message have been removed]

30541. Using an MFJ-336S Mag Mount w/ ATAS120 antenna

Yahoo group: FT897 (2010)
Date: 2010-07-11 19:57:40 UTC
From: Joe
Topic: 30541 Message: 30541

What issues can I expect to encounter using a MFJ-336S mag mount on my pickup truck with the ATAS-120 screwdriver antenna? The mag mount is the big, heavy duty, 2 magnet job. I have already put it on my truck and tested it at 80 mph...no movement of the mount occurred, so *that* in not an issue.

I am concerned about proper grounding of the antenna as well as other, unknown factors, which, I hope, you learned people can edjumacate me about!

I will be using this antenna with my FT-857D.

Thanks in advance!

Joe Wolfe
WA6RKN
Reno, Nevada

30542. RE: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 20:03:03 UTC
From: Richard Drevo
Topic: 30525 Message: 30542

Mike,

Sounds like you are transmitting in on repeater OUTPUT frequency, not the repeater INPUT Frequency

(1) Make sure that in the Multi Function Subdirectory subdirectory, you do:

(a) Multi-Function Row (a) subdirectory VFO A/B; it displays VFOa;
(b) Mullti-Function Row (d) subdirectory make sure you do not have "REV" depressed...[REV]...that will cause your radio to transmit on the OUTPUT frequency.
(c) Multi-Function Row (d) subdirectory, make sure that in the TON / TDCH Directory that the + TEN is activated on the top left of your screen.
(See pages 14 thru 17) in the manual)

That sounds like what might be happening.

Hope this helps,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Mike
Sent: Saturday, July 10, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: [FT897] Trouble engaging a repeater

Net control advises that he can read me fine, but that I'm not engaging the repeater. 146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

[Non-text portions of this message have been removed]

30543. Re: [FT897] Using an MFJ-336S Mag Mount w/ ATAS120 antenna

Yahoo group: FT897 (2010)
Date: 2010-07-11 20:07:37 UTC
From: Leon Robinson
Topic: 30541 Message: 30543

Joe,

Watch out for parking decks if you mount the antenna on top of the truck.
Something is gonna give, either the magnets or the antenna.
I only have a dual VHF/UHF mag mount on my van, parking decks and low trees
will/have wipe/d it off.

Leon K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Sun, 7/11/10, Joe <WA6RKN@gmail.com> wrote:

From: Joe <WA6RKN@...>
Subject: [FT897] Using an MFJ-336S Mag Mount w/ ATAS120 antenna
To: FT897@yahoogroups.com
Date: Sunday, July 11, 2010, 2:57 PM

What issues can I expect to encounter using a MFJ-336S mag mount on my

pickup truck with the ATAS-120 screwdriver antenna? The mag mount is the

big, heavy duty, 2 magnet job. I have already put it on my truck and tested

it at 80 mph...no movement of the mount occurred, so *that* in not an issue.

I am concerned about proper grounding of the antenna as well as other,

unknown factors, which, I hope, you learned people can edjumacate me about!

I will be using this antenna with my FT-857D.

Thanks in advance!

Joe Wolfe

WA6RKN

Reno, Nevada

[Non-text portions of this message have been removed]

30544. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 21:21:05 UTC
From: Dennis
Topic: 30525 Message: 30544

Also make sure the offset is set correctly. On 2m is is usually 600KHz
off from the input frequency.

Dennis - N8BMB

On 07/11/2010 14:22, Richard Drevo wrote:
>
>
>
> _____
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of Mike
> Sent: Saturday, July 10, 2010 11:55 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Trouble engaging a repeater
>
> Net control advises that he can read me fine, but that I'm not
> engaging the
> repeater. 146.720 - offset, tone 100
>
> I have:
> 1) dialed in the correct frequency 146.720
> 2) have set menu 83 to T=100
> 3) have set MultiFunction menu d, RPT, - T
>
> What am I missing?
>
> KE5QVY
> Mike
>
> [Non-text portions of this message have been removed]
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

30545. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-11 22:00:22 UTC
From: DALE
Topic: 30525 Message: 30545

My book shows 162.2 tone for that repeater, unless they changed it recently.
Dale

----- Original Message -----
From: "Richard Drevo" <rdrevo@comcast.net>
To: FT897@yahoogroups.com
Sent: Sunday, July 11, 2010 12:22:35 PM GMT -08:00 US/Canada Pacific
Subject: RE: [FT897] Trouble engaging a repeater

From: FT897@yahoogroups.com [mailto: FT897@yahoogroups.com] On Behalf Of Mike
Sent: Saturday, July 10, 2010 11:55 AM
To: FT897@yahoogroups.com
Subject: [FT897] Trouble engaging a repeater

Net control advises that he can read me fine, but that I'm not engaging the
repeater. 146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30546. Re: Using an MFJ-336S Mag Mount w/ ATAS120 antenna

Yahoo group: FT897 (2010)
Date: 2010-07-11 23:06:45 UTC
From: Clark
Topic: 30541 Message: 30546

Hi Joe -

Excellent! I, too, mount my antenna on top of my car roof with magnet mounts. I found that I could run a 15 inch piece of teflon coated hookup wire from the mount to a screw on the car radio antenna mount to get a nice firm, close ground. I run the coax over the back window with a small ferrite to keep RF on the outside of the cabin. I also use two strings as guys (I run a small bugcatcher and the string/guys - a pair - are attached at the base of the coil and run down to my side door mirrors for stability.) I am very, very careful about parking garages and the like, I'm sure I'd lose the whole thing if I didn't fold it down or take it off (I use a quick disconnect that makes it fairly easy.)

The real advantage appears to be the height above ground, the base of the antenna is right up on top of the car. I get very consistent reports that are good or better than the other mobiles running similar power near to me on the road. I am very happy with the installation.

Best of luck!

Clark
WA3JPG

30547. Re: [FT897] SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-11 23:32:36 UTC
From: Danny Loyd
Topic: 30509 Message: 30547

I shorted the unit to ground to take away static electricity and it worked like
a charm.

Thanks for all replies.

Danny
KE5WDI

From: Don Russell <w9drr.ham@...>
To: FT897@yahoogroups.com
Sent: Fri, July 9, 2010 9:48:22 AM
Subject: Re: [FT897] SIGNALINK on FT-897

On 7/9/2010 9:01 AM, Danny Loyd wrote:
>
> I have already looked at the files on this group for the answer to
> this question
> and was unable to find it. So here is the question, I just recently
> ordered and
> received a SIGNALINK USB and have done the pin-out on JP-1 as
> instructed by the
> manual. When I plug the SIGNALINK into the FT-897, even with no power
> on the
> SIGNALINK or even plugged to the computer, the radio starts acting
> like it is
> keying and unkeying constantly and when I unplug the cable from the
> data port it
> stops. I have checked the pin-out against the 897 manual and
> everything looks
> good.
>
> My question is, has anyone else had this problem with the SIGNALINK
> and what did
> you do to correct it?
>
> Thanks in advance for the advise,
>
> Danny
> KE5WDI
>
I had a similar issue with my FT-100D. Ended up being a ground loop,
more of a lack of a ground
path between the Radio and the computer. Try an alligator clip from the
ground of the radio to
a chassis ground on the computer (case screw) and see if it behaves. I

had really bad AC hum,
and tx chatter until I added the ground, then dead silent.

--
Don Russell, CBRE W9DRR - ARRL OES, Technical Specialist - AEC Winnebago
County --

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30548. Re: [FT897] ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-12 00:40:49 UTC
From: Danny Loyd
Topic: 30520 Message: 30548

The FT-897 only runs 50W on UHF and VHF.

Danny
KE5WDI

From: ve2whz <ve2whz@...>
To: FT897@yahoogroups.com
Sent: Fri, July 9, 2010 7:58:49 AM
Subject: [FT897] ft-897d no output on UHF

i have buy a ft-897d

i no have power on uhf or very low at 50mw...

hf ok
50m ok
vhf ok

the final is not the same on vhf/uhf ??

i have check all setting power mod ...

do you have idea ??

[Non-text portions of this message have been removed]

30549. Re: [FT897] SIGNALINK on FT-897

Yahoo group: FT897 (2010)
Date: 2010-07-12 00:46:12 UTC
From: Danny Loyd
Topic: 30509 Message: 30549

Thanks to everyone for your quick responses. As I responded earlier, I either had a jumper wrong or there was static electricity. I completely removed all jumpers and reinstalled and measured for ground on the SignaLink and it has worked like a charm ever since. Have contacts with Spain, New Zealand, England, Cuba and Mexico in my logs since fixing the problem late Friday night.

Danny
KE5WDI

----- Original Message ----
From: Jim N7TCF <n7tcf@...>
To: FT897@yahoogroups.com
Sent: Fri, July 9, 2010 6:29:45 PM
Subject: Re: [FT897] SIGNALINK on FT-897

I used the jumper to increase the 897's audio. Otherwise I had the
Signalink input pot at max. Works well.

Jim N7TCF

Danny Loyd wrote:
>
>
> I have already looked at the files on this group for the answer to this
> question
> and was unable to find it. So here is the question, I just recently
> ordered and
> received a SIGNALINK USB and have done the pin-out on JP-1 as instructed
> by the
> manual. When I plug the SIGNALINK into the FT-897, even with no power on
> the
> SIGNALINK or even plugged to the computer, the radio starts acting like
> it is
> keying and unkeying constantly and when I unplug the cable from the data
> port it
> stops. I have checked the pin-out against the 897 manual and everything
> looks
> good.
>
> My question is, has anyone else had this problem with the SIGNALINK and
> what did
> you do to correct it?
>
> Thanks in advance for the advise,
>
> Danny

> KE5WDI
>
>

Yahoo! Groups Links

30550. Re: [FT897] True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-12 00:51:51 UTC
From: Danny Loyd
Topic: 30516 Message: 30550

Mark,

The LDG meter is only reading the average peak reading on SSB because it shows only the delay not the total peak power that you see on other modes such as AM/CW/FM. With those modes you have full power to the carrier and it shows max peak power on the meter.

Danny
KE5WDI

From: stereoimage73 <stereoimage73@...>
To: FT897@yahoogroups.com
Sent: Sat, July 10, 2010 12:14:07 PM
Subject: [FT897] True RF power output on FT 897D?

Just got my ticket and purchased the FT 897D new. Also got the LDG FT Meter for the 897 D (plugs in to the radio) so I can check SWR and and other parameters.

I am using with an MFJ 1625 balcony antenna. Getting a 1.2 to 1 match on 20 meters. When I transmit (and referencing power output on meter) Im only seeing max 50 watts output with the radio set at 100 watts.

I thought the

I believe the radio will put out a MAXIMUM of 100 watts but the average will be a bit less than that.

Question:

a.The big question. Does the meter represent the real radio output or is the output of the radio affected with an antenna/tuner load?.

b. Will SSB power output or metering differ from AM/CW/FM modes?

Since the LDG meter never shows more than 50 watt peaks (and its a new radio) I'm not sure what what referencing.

Thanks for any opinions. I'm new to this and want to get as much information as possible. I would have called Yaesu but they are closed on Saturday.

Regards
Mark
KD8OLI

[Non-text portions of this message have been removed]

30551. Re: [FT897] Power level and memory clear settings

Yahoo group: FT897 (2010)
Date: 2010-07-12 00:57:53 UTC
From: Danny Loyd
Topic: 30537 Message: 30551

Second part of your question is Menu #75.

Danny
KE5WDI

From: kj6cfi <kj6cfi@...>
To: FT897@...m
Sent: Sun, July 11, 2010 1:02:44 PM
Subject: [FT897] Power level and memory clear settings

I can't seem to find 2 items in the manual for my FT-897D:
1) Is there any way to delete all stored memories (clear the memory)?
2) Is there any way to lower the transmit power on SSB HF to 50 watts?
Any help in finding these answers would be greatly appreciated.
Thank you, Denny Dollahon, KJ6CFI.

[Non-text portions of this message have been removed]

30552. Re: [FT897] ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-12 01:06:16 UTC
From: Leon Robinson
Topic: 30520 Message: 30552

```
SSB/CW/FM                AM Carrier
160- 6 Meter:   100 W     25 W
2 Meter:           50 W      12.5 W
70 Centimeter:  20 W      5 W

Leon      K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Sun, 7/11/10, Danny Loyd <ke5wdi@...> wrote:

From: Danny Loyd <ke5wdi@...>
Subject: Re: [FT897] ft-897d no output on UHF
To: FT897@yahoogroups.com
Date: Sunday, July 11, 2010, 7:40 PM

The FT-897 only runs 50W on UHF and VHF.

Danny

KE5WDI

________________________________

From: ve2whz <ve2whz@...>

To: FT897@yahoogroups.com

Sent: Fri, July 9, 2010 7:58:49 AM

Subject: [FT897] ft-897d no output on UHF

i have buy a ft-897d

i no have power on uhf or very low at 50mw...

hf ok

50m ok

vhf ok

the final is not the same on vhf/uhf ??

i have check all setting power mod ...

do you have idea ??

[Non-text portions of this message have been removed]
```

[Non-text portions of this message have been removed]

30553. Re: [FT897] Re: Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-12 03:32:38 UTC
From: Scott Chrestman
Topic: 30475 Message: 30553

Had some time this weekend to look more in to this...

No "brown wire" on the 897. When I tore the rig down on the bench, I noted that on the internal power connector, only the two positive and negative leads are hooked up to the power input on the circuit board. I disconnected one set of both positive and negative leads, and then the others, with no change in battery detection.

I went in to the battery bay, removed the internal shield, and disconnected both battery inputs from the main board. This completely isolated the battery circuits (which I assume the battery sense circuit is), and it still powered up indicating it was on battery power. I've also disconnected the A/B battery rocker switch from the main board. I preformed a factory reset after powering back up with both the battery leads and rocker switch unplugged.

Here's something interesting I noticed... When I hold down the power button the battery indicator goes off. As we know, when you hold the power button for 3-5 seconds, the rig will turn off. However, during that 3-5 seconds, with the battery indicator off, I have no problems getting 100W output in to a dummyload. At least I know the finals are good and that's not the issue....

sigh

On Mon, Jul 5, 2010 at 9:13 AM, G0JLX <g0jlx@mail.com> wrote:

>
>
> Scott,
>
> You may have a grounding short on the power cable or power connector to one
> of the bottom sensing pins - the 857 has a 20W "switch" setting if the
> bottom left power connection is grounded. Could be the same on the 897 ?
> Could even be a solder whisker. Info from DJ3NRA on mods.dk
>
> Good luck & 73
> Andy
> G?JLX
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Scott"
> <schrestman@...> wrote:
> >
> > Afternoon to the group!
> >

> > Last week I acquired an FT-857 (non-D), with DSP installed. On the
> supplied power cable (which has two positive, to negative leads on the
> rig-end, continuity confirmed) hooked up to a 13.8W VDC bench supply, the
> rig puts out 20 watts, regardless of the power being set to 100W. What's
> odd, is that the battery icon next to the voltage on the display is on,
> although I've confirmed there are no internal batteries installed. For the
> life of me I can't find a menu setting to specify if it has batteries
> installed, the A/B switch on top makes no effect, and all references I see
> say that it operates on 20W "automatically." I've also done a
> processor/factory reset.
> >
> > One of my thoughts is maybe there's a short somewhere from someone
> hooking up a battery improperly, but I hadn't found a schematic for the rig
> yet and started tracing the circuits out. Any ideas, or am I hopefully
> putting too much thought in to a simple procedure?
> >
> > 73,
> > Scott, N5KRC
> >
>
>
>

[Non-text portions of this message have been removed]

30554. Re: [FT897] Trouble engaging a repeater

Yahoo group: FT897 (2010)
Date: 2010-07-12 05:03:29 UTC
From: JAMES AMBURN
Topic: 30525 Message: 30554

Hi Mike,
You Left out one step. Set function E and press the ton button until TEN shows up above the channel display then store in memory channel. That should solve your problem.
Good luck,
Jim N0TUI

----- Original Message -----
From: Richard Drevo<mailto:rdrevo@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, July 11, 2010 1:22 PM
Subject: RE: [FT897] Trouble engaging a repeater

From: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>] On Behalf Of Mike
Sent: Saturday, July 10, 2010 11:55 AM
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Subject: [FT897] Trouble engaging a repeater

Net control advises that he can read me fine, but that I'm not engaging the repeater. 146.720 - offset, tone 100

I have:
1) dialed in the correct frequency 146.720
2) have set menu 83 to T=100
3) have set MultiFunction menu d, RPT, - T

What am I missing?

KE5QVY
Mike

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30555. Re: Power level and memory clear settings

Yahoo group: FT897 (2010)
Date: 2010-07-12 13:18:29 UTC
From: bw3us
Topic: 30537 Message: 30555

Denny, You must have missed the proceedure in your manual:
Pg. 65 explains 3 different resets.
Pg. 54, 55 explains power (75) and how to adjust.
Bill

--- In FT897@yahoogroups.com, "kj6cfi" <kj6cfi@...> wrote:
>
> I can't seem to find 2 items in the manual for my FT-897D:
> 1) Is there any way to delete all stored memories (clear the memory)?
> 2) Is there any way to lower the transmit power on SSB HF to 50 watts?
> Any help in finding these answers would be greatly appreciated.
> Thank you, Denny Dollahon, KJ6CFI.
>

30556. Re: [FT897] Re: Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-12 15:16:56 UTC
From: Danny Loyd
Topic: 30475 Message: 30556

I know you probably checked this, but did you look for solder slugs or sloppy soldering from the

previous owner, if there was one, that could be causing a short? As they say, there is no dumb question

and that is why I asked it.

Danny
KE5WDI

----- Original Message ----
From: Scott Chrestman <schrestman@...>
To: FT897@yahoogroups.com
Sent: Sun, July 11, 2010 10:32:38 PM
Subject: Re: [FT897] Re: Rig thinks it's on battery power

Had some time this weekend to look more in to this...

No "brown wire" on the 897. When I tore the rig down on the bench, I noted that on the internal power connector, only the two positive and negative leads are hooked up to the power input on the circuit board. I disconnected one set of both positive and negative leads, and then the others, with no change in battery detection.

I went in to the battery bay, removed the internal shield, and disconnected both battery inputs from the main board. This completely isolated the battery circuits (which I assume the battery sense circuit is), and it still powered up indicating it was on battery power. I've also disconnected the A/B battery rocker switch from the main board. I preformed a factory reset after powering back up with both the battery leads and rocker switch unplugged.

Here's something interesting I noticed... When I hold down the power button the battery indicator goes off. As we know, when you hold the power button for 3-5 seconds, the rig will turn off. However, during that 3-5 seconds, with the battery indicator off, I have no problems getting 100W output in to a dummyload. At least I know the finals are good and that's not the issue....

sigh

On Mon, Jul 5, 2010 at 9:13 AM, G0JLX <g0jlx@...m> wrote:

>
>
> Scott,
>

> You may have a grounding short on the power cable or power connector to one
> of the bottom sensing pins - the 857 has a 20W "switch" setting if the
> bottom left power connection is grounded. Could be the same on the 897 ?
> Could even be a solder whisker. Info from DJ3NRA on mods.dk
>
> Good luck & 73
> Andy
> GØJLX
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Scott"
> <schrestman@...> wrote:
> >
> > Afternoon to the group!
> >
> > Last week I acquired an FT-857 (non-D), with DSP installed. On the
> supplied power cable (which has two positive, to negative leads on the
> rig-end, continuity confirmed) hooked up to a 13.8W VDC bench supply, the
> rig puts out 20 watts, regardless of the power being set to 100W. What's
> odd, is that the battery icon next to the voltage on the display is on,
> although I've confirmed there are no internal batteries installed. For the
> life of me I can't find a menu setting to specify if it has batteries
> installed, the A/B switch on top makes no effect, and all references I see
> say that it operates on 20W "automatically." I've also done a
> processor/factory reset.
> >
> > One of my thoughts is maybe there's a short somewhere from someone
> hooking up a battery improperly, but I hadn't found a schematic for the rig
> yet and started tracing the circuits out. Any ideas, or am I hopefully
> putting too much thought in to a simple procedure?
> >
> > 73,
> > Scott, N5KRC
> >
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30557. Re: [FT897] Re: Rig thinks it's on battery power

Yahoo group: FT897 (2010)
Date: 2010-07-12 15:37:10 UTC
From: Scott Chrestman
Topic: 30475 Message: 30557

Actually Danny, no I didn't... I was specifically targeting the items directly related to the battery -- The A/B switch, and the battery power connectors. I'll give the board a good look this evening. I did notice yesterday that it will transmit out-of-band, even after a hard reset, so there has obviously been an iron on the board at some point. Thanks for pointing out the obvious! :)

73
Scott, N5KRC

On Mon, Jul 12, 2010 at 10:16 AM, Danny Loyd <ke5wdi@...> wrote:

>
>
> I know you probably checked this, but did you look for solder slugs or
> sloppy
> soldering from the
>
> previous owner, if there was one, that could be causing a short? As they
> say,
> there is no dumb question
>
> and that is why I asked it.
>
> Danny
> KE5WDI
>
>
> ----- Original Message ----
> From: Scott Chrestman <schrestman@gmail.com <schrestman%40gmail.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Sun, July 11, 2010 10:32:38 PM
> Subject: Re: [FT897] Re: Rig thinks it's on battery power
>
> Had some time this weekend to look more in to this...
>
> No "brown wire" on the 897. When I tore the rig down on the bench, I noted
> that on the internal power connector, only the two positive and negative
> leads are hooked up to the power input on the circuit board. I disconnected
> one set of both positive and negative leads, and then the others, with no
> change in battery detection.
>
> I went in to the battery bay, removed the internal shield, and disconnected
> both battery inputs from the main board. This completely isolated the
> battery circuits (which I assume the battery sense circuit is), and it
> still

> powered up indicating it was on battery power. I've also disconnected the
> A/B battery rocker switch from the main board. I preformed a factory reset
> after powering back up with both the battery leads and rocker switch
> unplugged.
>
> Here's something interesting I noticed... When I hold down the power button
> the battery indicator goes off. As we know, when you hold the power button
> for 3-5 seconds, the rig will turn off. However, during that 3-5 seconds,
> with the battery indicator off, I have no problems getting 100W output in
> to
> a dummyload. At least I know the finals are good and that's not the
> issue....
>
> *sigh*
>
> On Mon, Jul 5, 2010 at 9:13 AM, G0JLX <g0jlx@... <g0jlx%40mail.com>>
> wrote:
>
> >
> >
> > Scott,
> >
> > You may have a grounding short on the power cable or power connector to
> one
> > of the bottom sensing pins - the 857 has a 20W "switch" setting if the
> > bottom left power connection is grounded. Could be the same on the 897 ?
> > Could even be a solder whisker. Info from DJ3NRA on mods.dk
> >
> > Good luck & 73
> > Andy
> > G?JLX
> >
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com>, "Scott"
>
> > <schrestman@...> wrote:
> > >
> > > Afternoon to the group!
> > >
> > > Last week I acquired an FT-857 (non-D), with DSP installed. On the
> > supplied power cable (which has two positive, to negative leads on the
> > rig-end, continuity confirmed) hooked up to a 13.8W VDC bench supply, the
> > rig puts out 20 watts, regardless of the power being set to 100W. What's
> > odd, is that the battery icon next to the voltage on the display is on,
> > although I've confirmed there are no internal batteries installed. For
> the
> > life of me I can't find a menu setting to specify if it has batteries
> > installed, the A/B switch on top makes no effect, and all references I
> see

> > say that it operates on 20W "automatically." I've also done a
> > processor/factory reset.
> > >
> > > One of my thoughts is maybe there's a short somewhere from someone
> > hooking up a battery improperly, but I hadn't found a schematic for the
> rig
> > yet and started tracing the circuits out. Any ideas, or am I hopefully
> > putting too much thought in to a simple procedure?
> > >
> > > 73,
> > > Scott, N5KRC
> > >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

30558. FT 897D Mint

Yahoo group: FT897 (2010)
Date: 2010-07-12 22:31:20 UTC
From: Dave W1CTN
Topic: 30558 Message: 30558

Mint FT897D
Non smoking op
With manual and mic.
~5 hrs use. It is my back up rig and has just been sitting on my operating bench.

Need to thin the herd to buy a VL1000 amp.

$725.00 plus shipping from 06401

Dave
W1CTN
w1ctn@...
203-735-9725

30559. Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 01:55:01 UTC
From: kj4nts
Topic: 30559 Message: 30559

I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.

The other ham and I spent 4 hours today researching the noise problem and observed this:

We performed the test with pre-amp off, attenuation off, DSP off, and RF gain set to max (full clockwise).

The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an idle 20 meter frequency.

There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.

Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.

I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:

1. For 1 second the noise level jumps up to S8.
2. The noise level then drops to S0 and stays there for 3-4 seconds.
3. The noise level returns to S8 and stays there.

This behavior is 90% reproducable, but sometimes it doesn't happen.

I can cause the same noise level dip to occur most of the time by transmitting a short sound (callsign only) on SSB. However, if I transmit for more than a few seconds before releasing PTT, the dip does not occur.

We wondered if the 3-4 second noise dip was due to the radio going into some recovery mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.

I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.

So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees

with this.

Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?

30560. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 08:54:12 UTC
From: Dooley
Topic: 30559 Message: 30560

I run two FT-897D. One I bought used and one bought new. They both do the very thing you describe.

I too thought it was a phenomenon of transient RF in the area at the QTH but that also proved not to be so as I experience it here in Iraq QRV as YI9VDW.

I also thought it was just limited to using an LDG AT-897, but not true. It also does it with an LDG AT-1000PRO as well.

I'll keep a close eye on the thread because inquiring minds would like to know what this is...

Buck
YI9VDW

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>
> I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.
>
> The other ham and I spent 4 hours today researching the noise problem and observed this:
>
> We performed the test with pre-amp off, attenuation off, DSP off, and RF gain set to max (full clockwise).
>
> The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an idle 20 meter frequency.
>
> There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.
>
> Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.
>
> I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:
>
> 1. For 1 second the noise level jumps up to S8.
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>

> This behavior is 90% reproducable, but sometimes it doesn't happen.
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> I can cause the same noise level dip to occur most of the time by transmitting a short sound (callsign only) on SSB. However, if I transmit for more than a few seconds before releasing PTT, the dip does not occur.
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> We wondered if the 3-4 second noise dip was due to the radio going into some recovery mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.
>
> I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.
>
> So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees with this.
>
> Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?
>

30561. RE: [FT897] Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 09:33:41 UTC
From: Donald Weissgerber
Topic: 30559 Message: 30561

Phil (I assume that□s your name from your email)

I do not see anything like that noise level on 20 meters (or any of the bands ALL the time). However, the FT-897 has a notoriously hot receiver. If the noise is being generated within the radio, the following should certainly verify it.

1. Disconnect the antenna
2. Noise present? Originating within the radio
3. Noise gone. Coming in the antenna.

When I have high noise levels (I live in a townhouse and have many immediate neighbors) I reduce the RF gain and/or use the IPO function. The level dips and peaks you see could be AGC action.

Don

N9GOD

Join the N9GOD team on the World Community Grid project at:

http:// www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=P5GMDB2DQ1

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kj4nts
Sent: Monday, July 12, 2010 20.55
To: FT897@yahoogroups.com
Subject: [FT897] Excessive RX noise. Noise dip after short transmissions.

I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.

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There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.

Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.

I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:

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We wondered if the 3-4 second noise dip was due to the radio going into some recovery mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.

I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.

So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees with this.

Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?

[Non-text portions of this message have been removed]

30562. RE: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 09:36:38 UTC
From: Donald Weissgerber
Topic: 30559 Message: 30562

One other thought comes to mind. There is a reported problem with the ceramic filters failing in these units. See earlier posts regarding the behaviors. However, the noise is reported to be more like storm-related static, i.e. lightning bursts, etc.

Don

N9GOD

Join the N9GOD team on the World Community Grid project at:

http:// www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=P5GMDB2DQ1

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dooley
Sent: Tuesday, July 13, 2010 03.54
To: FT897@yahoogroups.com
Subject: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

I run two FT-897D. One I bought used and one bought new. They both do the very thing you describe.

I too thought it was a phenomenon of transient RF in the area at the QTH but that also proved not to be so as I experience it here in Iraq QRV as YI9VDW.

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I'll keep a close eye on the thread because inquiring minds would like to know what this is...

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YI9VDW

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> The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an idle 20 meter frequency.
>
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>
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>
> Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an

antenna tuner cycle?
>

[Non-text portions of this message have been removed]

30563. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 13:20:49 UTC
From: perryc
Topic: 30559 Message: 30563

what does the IPO DO ?

--- In FT897@yahoogroups.com, "Donald Weissgerber" <donw1948@...> wrote:
>
> Phil (I assume that's your name from your email)
>
>
>
> I do not see anything like that noise level on 20 meters (or any of the
> bands ALL the time). However, the FT-897 has a notoriously hot receiver. If
> the noise is being generated within the radio, the following should
> certainly verify it.
>
>
>
> 1. Disconnect the antenna
> 2. Noise present? Originating within the radio
> 3. Noise gone. Coming in the antenna.
>
>
>
> When I have high noise levels (I live in a townhouse and have many immediate
> neighbors) I reduce the RF gain and/or use the IPO function. The level dips
> and peaks you see could be AGC action.
>
>
>
> Don
>

30564. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 13:54:18 UTC
From: Clark
Topic: 30559 Message: 30564

I believe the IPO merely takes the receiver preamp out of line so that you get an unamplified signal to your detector. It helps the receiver cope with very strong signals in its passband. Not quite the same as using an attenuator (that may leave the amp in line but lower the signal at some other point in the line).

Clark
WA3JPG

--- In FT897@yahoogroups.com, "perryc" <canoemaneh@...> wrote:
>
> what does the IPO DO ?
>

30565. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 13:56:48 UTC
From: w4phs
Topic: 30559 Message: 30565

Turning IPO off (i.e. turning pre-amp on) increases the noise level from about S7-S8 up to S9+5 (5 over).

The noise is not present with the antenna disconnected. The antenna is a G5RV at 60'.

Right now the noise level on 20 meters is S8 across the band with IPO on (pre-amp off). As occurred yesterday, following an antenna tune cycle I get
(1) 1 second of S8 noise,
(2) 3-4 seconds of S0-S1 noise,
(3) return to S8 continuous noise.
Could that be an effect of AGC which is on and set to Fast?

So far this morning I haven't seen any of the natural noise gaps that I saw yesterday. It's been solid S8 noise.

W4PHS

--- In FT897@yahoogroups.com, "perryc" <canoemaneh@...> wrote:
>
> what does the IPO DO ?
>
>
> --- In FT897@yahoogroups.com, "Donald Weissgerber" <donw1948@> wrote:
> >
> > Phil (I assume that's your name from your email)
> >
> >
> >
> > I do not see anything like that noise level on 20 meters (or any of the
> > bands ALL the time). However, the FT-897 has a notoriously hot receiver. If
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> > and peaks you see could be AGC action.
> >

> >
> >
> > Don
> >
>

30566. Re: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 14:11:05 UTC
From: Alan E. Lutz
Topic: 30559 Message: 30566

Phil,

I would try taking the tuner completely out of the mix to see what happens when you connect/disconnect the antenna. Then try it with the tuner connected and compare. This way you will know if it has anything to do with the tuner. From what you have described so far, it sounds like some sort of external QRM. Can one of your ham friends bring anther radio over to make a comparison at your QTH. I don't think results of noise from a different QTH in this case is valid.

73 de Alan
AE1NH

----- Original Message -----
From: "w4phs" <philsherrod@comcast.net>
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 9:56:48 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Turning IPO off (i.e. turning pre-amp on) increases the noise level from about S7-S8 up to S9+5 (5 over).

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Could that be an effect of AGC which is on and set to Fast?

So far this morning I haven't seen any of the natural noise gaps that I saw yesterday. It's been solid S8 noise.

W4PHS

--- In FT897@yahoogroups.com , "perryc" <canoemaneh@...> wrote:
>
> what does the IPO DO ?
>
>
> --- In FT897@yahoogroups.com , "Donald Weissgerber" <donw1948@> wrote:
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> > Phil (I assume that's your name from your email) …
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> >
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> > and peaks you see could be AGC action.
> >
> >
> >
> > Don
> >
>

[Non-text portions of this message have been removed]

30567. Re: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 14:52:13 UTC
From: ROBERT DONCHEZ
Topic: 30559 Message: 30567

to determine if it is the tuner causing the noise, leave the tuner in line and connect a 50 resistive dummy load- activate tuner or not- simulate conditions that you think may cause the noise to happen, try with ipo off on, etc but change only 1 thing at a time
then unhook tuner and associated control cable- perform identical tests and note results- that will point to cause if any- if no or very low noise level, reconnect antenna and perform same- if upon just connecting antenna, noise instantly happens, you have a localized noise source
bob donchez
wb3hyb
On Jul 13, 2010, at 10:11 AM, Alan E. Lutz wrote:

>
>
> Phil,
>
>
>
> I would try taking the tuner completely out of the mix to see what
> happens when you connect/disconnect the antenna. Then try it with
> the tuner connected and compare. This way you will know if it has
> anything to do with the tuner. From what you have described so far,
> it sounds like some sort of external QRM. Can one of your ham
> friends bring anther radio over to make a comparison at your QTH. I
> don't think results of noise from a different QTH in this case is
> valid.
>
> 73 de Alan
> AE1NH
>
> ----- Original Message -----
> From: "w4phs" <philsherrod@...>
> To: FT897@...m
> Sent: Tuesday, July 13, 2010 9:56:48 AM GMT -05:00 US/Canada Eastern
> Subject: [FT897] Re: Excessive RX noise. Noise dip after short
> transmissions.
>
>
>
>
>
>
>
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> is a G5RV at 60'.
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> that I saw yesterday. It's been solid S8 noise.
>
> W4PHS
>
> --- In FT897@yahoogroups.com , "perryc" <canoemaneh@...> wrote:
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>> what does the IPO DO ?
>>
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>> --- In FT897@yahoogroups.com , "Donald Weissgerber" <donw1948@>
>> wrote:
>>>
>>> Phil (I assume that's your name from your email) …
>>>
>>>
>>>
>>> I do not see anything like that noise level on 20 meters (or any
>>> of the
>>> bands ALL the time). However, the FT-897 has a notoriously hot
>>> receiver. If
>>> the noise is being generated within the radio, the following should
>>> certainly verify it.
>>>
>>>
>>>
>>> 1. Disconnect the antenna
>>> 2. Noise present? Originating within the radio
>>> 3. Noise gone. Coming in the antenna.
>>>
>>>
>>>
>>> When I have high noise levels (I live in a townhouse and have many
>>> immediate
>>> neighbors) I reduce the RF gain and/or use the IPO function. The
>>> level dips
>>> and peaks you see could be AGC action.
>>>

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>>> Don
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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30568. Re: [FT897] Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 14:55:35 UTC
From: n0bnd Yahoo
Topic: 30559 Message: 30568

I believe that the IPO icon shows when the preamp is off. Confusing for us dyslexics. Think of IPO as Internal Preamp Off. I never have the internal preamp on, it makes things too noisy. With antenna connectors on rig disconnected and running on a battery your noise level should be very low. Start adding antennas until the noise appears. Make sure you are grounded at the rig. Lots of noise can come from bad or no ground.

Joel Mueller

On Jul 12, 2010, at 8:55 PM, "kj4nts" <philsherrod@...> wrote:

> I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.
>
> The other ham and I spent 4 hours today researching the noise problem and observed this:
>
> We performed the test with pre-amp off, attenuation off, DSP off, and RF gain set to max (full clockwise).
>
> The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an idle 20 meter frequency.
>
> There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.
>
> Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.
>
> I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:
>
> 1. For 1 second the noise level jumps up to S8.
> 2. The noise level then drops to S0 and stays there for 3-4 seconds.
> 3. The noise level returns to S8 and stays there.
>
> This behavior is 90% reproducable, but sometimes it doesn't happen.
>
> I can cause the same noise level dip to occur most of the time by transmitting a short sound (callsign only) on SSB. However, if I transmit for more than a few seconds before releasing PTT, the dip does not occur.
>
> We wondered if the 3-4 second noise dip was due to the radio going into some recovery

mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.
>
> I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.
>
> So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees with this.
>
> Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?
>
>

[Non-text portions of this message have been removed]

30569. Re: [FT897] Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 15:07:38 UTC
From: Rob Stampfli
Topic: 30559 Message: 30569

On Tue, Jul 13, 2010 at 09:55:35AM -0500, n0bnd Yahoo wrote:
> I believe that the IPO icon shows when the preamp is off. Confusing for us dyslexics.
Think of IPO as Internal Preamp Off.

Heh, heh. Actually, IPO stands for Intercept Point Optimization, a
concept used in receiver design. But, I like your acronym better --
makes more sense!

Rob

30570. Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 21:06:37 UTC
From: blownfuse
Topic: 30570 Message: 30570

----- Original Message -----
From: <rgb102502@...>
Sent: Tuesday, July 13, 2010 3:31 PM
Subject: Fwd: FW: A Sign in Houston Mall , UNBELIEVABLE

>
>> Well ,..... We've been pretty passive & understanding for all of
>> their special rights up 'til now so,..... reckon this will tick
>> anybody off ?
>>
>>
>>
>> IN CASE YOU HAVE NOT SEEN THIS.
>> READ CAREFULLY.....
>>
>> This is so "Unbelievable".. In Houston , Texas Harwin Central
>> Mall: The very first store that you come to when you walk from the
>> lobby of the building into the shopping area Had this sign posted on
>> their door. The shop is run by Muslims. Feel free to share this
>> with others.
>> In case you are not able to read the sign below, it says
>> "We will be closed on Friday, September 11, 2009 tocommemorate the
>> martyrdom of Imam Ali"
>> [cid:1.487041014@...]
>>
>> Imam Ali flew one of the planes into the twin towers. Nice huh?
>> Try telling me we're not in a
>> Religious war!
>>
>> THIS HAS NOT BEEN AROUND....SO MAKE SURE IT DOES!
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[Non-text portions of this message have been removed]

30571. Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 21:13:28 UTC
From: Chip G.
Topic: 30570 Message: 30571

This is the worst kind of Internet trash. Please learn how to validate this stuff before you pass it on. Included is a link to one site known for confirming or debunking Internet myths. What happened on 9/11/2001 had no more to do with the true Muslim faith than the Inquisition had to do with true Christianity.

<http://www.snopes.com/rumors/photos/martyr.asp>

-- Chip via iPad

On Jul 13, 2010, at 17:06, blownfuse <blownfuse@...> wrote:

>
> ----- Original Message -----
> From: <rgb102502@...>
> Sent: Tuesday, July 13, 2010 3:31 PM
> Subject: Fwd: FW: A Sign in Houston Mall , UNBELIEVABLE
>
>
>>
>>> Well ,..... We've been pretty passive & understanding for all of
>>> their special rights up 'til now so,..... reckon this will tick
>>> anybody off ?
>>>
>>>
>>>
>>> IN CASE YOU HAVE NOT SEEN THIS.
>>> READ CAREFULLY.....
>>>
>>> This is so "Unbelievable".. In Houston , Texas Harwin Central
>>> Mall: The very first store that you come to when you walk from the
>>> lobby of the building into the shopping area Had this sign posted on
>>> their door. The shop is run by Muslims. Feel free to share this
>>> with others.
>>> In case you are not able to read the sign below, it says
>>> "We will be closed on Friday, September 11, 2009 tocommemorate the
>>> martyrdom of Imam Ali"
>>> [cid:1.487041014@...]
>>>
>>> Imam Ali flew one of the planes into the twin towers. Nice huh?
>>> Try telling me we're not in a
>>> Religious war!
>>>
>>> THIS HAS NOT BEEN AROUND....SO MAKE SURE IT DOES!
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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30572. Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 21:21:54 UTC
From: Carl Wulfestieg
Topic: 30570 Message: 30572

What does any of this have to do with FT-897??? Stay on the topic!! 88 Carl WZ4CW

[Non-text portions of this message have been removed]

30573. Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 21:35:10 UTC
From: Bill Husted
Topic: 30570 Message: 30573

Strongly agree - if I want political stuff I'll go to a forum for that.

Bill KQ4YA
----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:21 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

What does any of this have to do with FT-897??? Stay on the topic!! 88 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30574. RE: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 21:55:40 UTC
From: Dave AA6YQ
Topic: 30570 Message: 30574

This has been around since 2009. There was no 9/11 hijacker named "Ali"; the "Imam Ali" referred to in the sign is someone who lived in the 7th century; for a full explanation, see

<http://www.snopes.com/rumors/photos/martyr.asp>

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of blownfuse
Sent: Tuesday, July 13, 2010 5:07 PM
To: FT897@yahoogroups.com
Subject: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

----- Original Message -----
From: <rgb102502@...>
Sent: Tuesday, July 13, 2010 3:31 PM
Subject: Fwd: FW: A Sign in Houston Mall , UNBELIEVABLE

>
>> Well ,..... We've been pretty passive & understanding for all of
>> their special rights up 'til now so,..... reckon this will tick
>> anybody off ?
>>
>>
>>
>> IN CASE YOU HAVE NOT SEEN THIS.
>> READ CAREFULLY.....
>>
>> This is so "Unbelievable".. In Houston , Texas Harwin Central
>> Mall: The very first store that you come to when you walk from the
>> lobby of the building into the shopping area Had this sign posted on
>> their door. The shop is run by Muslims. Feel free to share this
>> with others.
>> In case you are not able to read the sign below, it says
>> "We will be closed on Friday, September 11, 2009 tocommemorate the
>> martyrdom of Imam Ali"
>> [cid:1.487041014@...]
>>
>> Imam Ali flew one of the planes into the twin towers. Nice huh?
>> Try telling me we're not in a
>> Religious war!
>>

>> THIS HAS NOT BEEN AROUND....SO MAKE SURE IT DOES!
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[Non-text portions of this message have been removed]

30575. Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-13 22:10:43 UTC
From: blownfuse
Topic: 30570 Message: 30575

Gentleman,
I don't know how this ended up here but I am the guilty party. If you can't forgive me for the mistake just unsubscribe me from the list.

David
Wd8oss
----- Original Message -----
From: Bill Husted
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:35 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Strongly agree - if I want political stuff I'll go to a forum for that.

Bill KQ4YA
----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:21 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

What does any of this have to do with FT-897??? Stay on the topic!! 88 Carl WZ4CW

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30576. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-14 00:00:09 UTC
From: Hank
Topic: 30559 Message: 30576

My 897D has behaved very similar from day one. I live in a two-story attached townhouse, and I have a dipole antenna in the attic. I went through all of the troubleshooting advice that people here are recommending, and nothing changed. 20 was the worst, but sometimes 17 was fairly quite. I was starting to think the radio was bad.

Then last year I took my radio to field day. Our site was a horse farm in the middle of the country. I plugged my 897 into an inverted V and the silence was deafening. It was so quiet that I double checked the antenna and cable. The signals were 20 over nine, and the noise level was 0. I had no problem making contacts.

After a few hours, I took my rig back home and the noise was back. I was relieved and disappointed at the same time. I have also taken the rig to a park and had the same results.

I think the problem is the receiver gain is so high that it picks up noise that other rigs don't. The IPO helps, and on stronger signals, I use the attenuator. I am curious to see what you find out with your troubleshooting.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>
> I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.
>
> The other ham and I spent 4 hours today researching the noise problem and observed this:
>
> We performed the test with pre-amp off, attenuation off, DSP off, and RF gain set to max (full clockwise).
>
> The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an idle 20 meter frequency.
>
> There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.
>
> Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.
>
> I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:

>
> 1. For 1 second the noise level jumps up to S8.
> 2. The noise level then drops to S0 and stays there for 3-4 seconds.
> 3. The noise level returns to S8 and stays there.
>
> This behavior is 90% reproducable, but sometimes it doesn't happen.
>
> I can cause the same noise level dip to occur most of the time by transmitting a short sound (callsign only) on SSB. However, if I transmit for more than a few seconds before releasing PTT, the dip does not occur.
>
> We wondered if the 3-4 second noise dip was due to the radio going into some recovery mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.
>
> I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.
>
> So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees with this.
>
> Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?
>

30577. Re: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-14 00:15:53 UTC
From: Bill Husted
Topic: 30559 Message: 30577

Same here - it's just noisy. It doesn't bother me since it's not my main rig - just use it when in a cabin or traveling, but side-by-side with my other rigs it isn't easy on the ears. I like it because I can carry it along and figure that - for all it does in such a small package - that's OK. But I would be miserable if it was my main rig.

Bill KQ4YA
----- Original Message -----
From: Hank
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 8:00 PM
Subject: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

My 897D has behaved very similar from day one. I live in a two-story attached townhouse, and I have a dipole antenna in the attic. I went through all of the troubleshooting advice that people here are recommending, and nothing changed. 20 was the worst, but sometimes 17 was fairly quite. I was starting to think the radio was bad.

Then last year I took my radio to field day. Our site was a horse farm in the middle of the country. I plugged my 897 into an inverted V and the silence was deafening. It was so quiet that I double checked the antenna and cable. The signals were 20 over nine, and the noise level was 0. I had no problem making contacts.

After a few hours, I took my rig back home and the noise was back. I was relieved and disappointed at the same time. I have also taken the rig to a park and had the same results.

I think the problem is the receiver gain is so high that it picks up noise that other rigs don't. The IPO helps, and on stronger signals, I use the attenuator. I am curious to see what you find out with your troubleshooting.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>
> I began my ham career 11 months ago when I got my ticket and bought an 897D. Since then I have endured continual background noise in the S8-S9 range on 20-80 meters. Having no other experience with radios, I assumed this was normal background noise. This past weekend an experienced ham used my radio and was shocked by the noise level. He said S0-S2 is normal. I live 1/3 mile from the nearest neigbor and 1/2 mile from the nearest pole-mounted transformer.
>
> The other ham and I spent 4 hours today researching the noise problem and observed this:
>
> We performed the test with pre-amp off, attenuation off, DSP off, and RF gain set to max (full clockwise).
>
> The noise has a rushing, hiss sound like atmospheric noise except it runs around S8 on an

idle 20 meter frequency.
>
> There are breaks in the noise that last from 15 seconds to 20 minutes. There doesn't appear to be any pattern to the breaks. During the breaks the noise level is S0 with brief bursts up to S1.
>
> Turning off all electrical equipment in my house and running the radio on batteries does not affect the noise.
>
> I have a LDG AT-897 antenna tuner. If I trigger a tune cycle an interesting thing happens at the end of the tune cycle:
>
> 1. For 1 second the noise level jumps up to S8.
> 2. The noise level then drops to S0 and stays there for 3-4 seconds.
> 3. The noise level returns to S8 and stays there.
>
> This behavior is 90% reproducable, but sometimes it doesn't happen.
>
> I can cause the same noise level dip to occur most of the time by transmitting a short sound (callsign only) on SSB. However, if I transmit for more than a few seconds before releasing PTT, the dip does not occur.
>
> We wondered if the 3-4 second noise dip was due to the radio going into some recovery mode like AGC that would cause it to drop all RF gain. We tested this by finding a weak signal barely audible above the noise. Then we triggered an antenna tune cycle and listened to the station during the 3-4 second noise dip. The station signal came in clearly until the end of the noise dip when it was swallowed by the noise.
>
> I contacted another ham in town who also has an 897 with AT-897 tuner, described my problem, and asked him what noise floor is normal for him. He replied that he thought S8 was a normal noise floor for 20 meters due to the urban setting. A third ham who has an Icom 7000 and lives in the general area reports a noise floor of S1.
>
> So I'm now beginning to think the noise problem is not coming from some external source like a power line but rather is coming from within the radio. My senior ham friend agrees with this.
>
> Are other hams with the 897D also experiencing S8 noise on 20 meters routinely? Has anyone else noticed the 3-4 second noise dip following an antenna tuner cycle?
>

[Non-text portions of this message have been removed]

30578. Re: [FT897] Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-13 14:12:38 UTC
From: Karl Denninger
Topic: 30559 Message: 30578

Turn off the preamp and AGC and see if its still there.

It shouldn't be. Assuming the unit is working right you're "gaining up"
on the RX side and being drowned in hash.

w4phs wrote:
>
>
> Turning IPO off (i.e. turning pre-amp on) increases the noise level
> from about S7-S8 up to S9+5 (5 over).
>
> The noise is not present with the antenna disconnected. The antenna is
> a G5RV at 60'.
>
> Right now the noise level on 20 meters is S8 across the band with IPO
> on (pre-amp off). As occurred yesterday, following an antenna tune
> cycle I get
> (1) 1 second of S8 noise,
> (2) 3-4 seconds of S0-S1 noise,
> (3) return to S8 continuous noise.
> Could that be an effect of AGC which is on and set to Fast?
>
> So far this morning I haven't seen any of the natural noise gaps that
> I saw yesterday. It's been solid S8 noise.
>
> W4PHS
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "perryc" <canoemaneh@...> wrote:
> >
> > what does the IPO DO ?
> >
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "Donald Weissgerber" <donw1948@> wrote:
> > >
> > > Phil (I assume that's your name from your email) …
> > >
> > >
> > >
> > > I do not see anything like that noise level on 20 meters (or any
> of the
> > > bands ALL the time). However, the FT-897 has a notoriously hot
> receiver. If
> > > the noise is being generated within the radio, the following should

> > > certainly verify it.
> > >
> > >
> > >
> > > 1. Disconnect the antenna
> > > 2. Noise present? Originating within the radio
> > > 3. Noise gone. Coming in the antenna.
> > >
> > >
> > >
> > > When I have high noise levels (I live in a townhouse and have many
> immediate
> > > neighbors) I reduce the RF gain and/or use the IPO function. The
> level dips
> > > and peaks you see could be AGC action.
> > >
> > >
> > >
> > > Don
> > >
> >
>
>

[Non-text portions of this message have been removed]

30579. Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-12 22:46:22 UTC
From: ve2whz
Topic: 30520 Message: 30579

i have no 50w

just 50 Miliwatt

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> The FT-897 only runs 50W on UHF and VHF.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: ve2whz <ve2whz@...>
> To: FT897@yahoogroups.com
> Sent: Fri, July 9, 2010 7:58:49 AM
> Subject: [FT897] ft-897d no output on UHF
>
> Â
> i have buy a ft-897d
>
> i no have power on uhf or very low at 50mw...
>
> hf ok
> 50m ok
> vhf ok
>
> the final is not the same on vhf/uhf ??
>
> i have check all setting power mod ...
>
> do you have idea ??
>
>
>
>
> [Non-text portions of this message have been removed]
>

30580. POWER OUTPUT PROBLEM

Yahoo group: FT897 (2010)
Date: 2010-07-12 18:25:38 UTC
From: vu2dj
Topic: 30580 Message: 30580

I HAVE 897. POWER MENU FIX IN 100W BUT ITS POWER OUTPUT 8W ON 40M AND 12W ON 20M ALSO NO ALC SEGMENT ON DISPLY.IN VHF 28 WATTS IS DE MAXIMUM.ALC WORKING BELOW 25W IN VHF.DU U HAVE ANY SOLUTION???

30581. FT897D RX Static Noise on FM problem.

Yahoo group: FT897 (2010)
Date: 2010-07-12 15:09:01 UTC
From: Patrice
Topic: 30581 Message: 30581

Hi ,
I have a problem in RX with my 18 months old FT897D.
Intermittent static noise only in FM or FMN mode on every bands.
All is ok when power on , but after fews minutes, static noise comes .
Of course I checked without antrenna and the problem still present.
Looks like the known TOKO 455kc filter problem, but in my case it is only in FM or FMN mode ...
Any advice would be helpful.
Thanks.

Patrice F1RVC.

30582. Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-11 17:30:43 UTC
From: ve2whz
Topic: 30520 Message: 30582

antenna and swr is ok (dummy load)

menu, antenna, groud ... is all ok

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> Is the antenna on the vhf side a dual-band antenna? The radio will scale power back if it detects a high swr. Being that vhf is ok, that was my first thought.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "ve2whz" <ve2whz@> wrote:
> >
> > i have buy a ft-897d
> >
> >
> > i no have power on uhf or very low at 50mw...
> >
> > hf ok
> > 50m ok
> > vhf ok
> >
> >
> > the final is not the same on vhf/uhf ??
> >
> > i have check all setting power mod ...
> >
> > do you have idea ??
> >
>

30583. Software to manage memory?

Yahoo group: FT897 (2010)
Date: 2010-07-12 15:47:21 UTC
From: nhojaj
Topic: 30583 Message: 30583

Looking for Windows based software to allow me to manage the FT-897D memory via computer (upload/edit/download etc). Free would be best but willing to pay if necessary. Also wondering about any web sites that may have frequency lists (SWL, local repeaters, local interesting stations for example) that I could use as a starting point instead of reinventing the wheel. Thanks...John

30584. RE: [FT897] Software to manage memory?

Yahoo group: FT897 (2010)
Date: 2010-07-14 04:38:06 UTC
From: eric@van-de-weyer.org
Topic: 30583 Message: 30584

Hi John,

I use FTBasicMMO. there is a small charge for it, $25 I think, but it is great. Use it for my 897, 857's & 817.

73....Eric VK2VE

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "nhojaj" <jajohn80@...>
>Date: Mon, 12 Jul 2010 15:47:21 -0000
>Subject: [FT897] Software to manage memory?
>Reply-To: FT897@yahoogroups.com
>
>
>Looking for Windows based software to allow me to manage the FT-897D memory
>via computer (upload/edit/download etc). Free would be best but willing
>to pay if necessary. Also wondering about any web sites that may have frequency
>lists (SWL, local repeaters, local interesting stations for example) that
>I could use as a starting point instead of reinventing the wheel. Thanks...John
>
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>
>Yahoo! Groups Links
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>

30585. Re: [FT897] Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-14 06:14:13 UTC
From: Cosmin Marcu
Topic: 30520 Message: 30585

Maybe you should check the hidden menu values. To get there turn
transceiver off thenpress and hold the A,B,C keys; while
holding them in, press and hold in the [PWR] switch for
1/2 second to turn the tranceiver On.

Go to menu No 043 (Uhf PO Max). A value of 255 mean aprox 40W max on UHF. By
default it should be around 100-120 (meaning aprox 20W).

From: ve2whz <ve2whz@...>
To: FT897@yahoogroups.com
Sent: Tue, July 13, 2010 1:46:22 AM
Subject: [FT897] Re: ft-897d no output on UHF

i have no 50w

just 50 Miliwatt

[Non-text portions of this message have been removed]

30586. Re: [FT897] Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-14 06:23:50 UTC
From: Carl Wulfestieg
Topic: 30520 Message: 30586

With the kind of advice and suggestions being given here, I can see why everyone is ashamed of or afraid to give their name . . . .88 Carl WZ4CW

[Non-text portions of this message have been removed]

30587. Re: [FT897] Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-14 08:37:52 UTC
From: Chris Baker
Topic: 30520 Message: 30587

Just a thought, is your external power meter ok at Uhf and have you tried another one as sometinmes power meters do fail (I had a bird VHF element fail under power at work once)

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
G-QRP: 6884
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Sun, 11/7/10, ve2whz <ve2whz@...> wrote:

From: ve2whz <ve2whz@...>
Subject: [FT897] Re: ft-897d no output on UHF
To: FT897@yahoogroups.com
Date: Sunday, 11 July, 2010, 18:30

antenna and swr is ok (dummy load)

menu, antenna, groud ... is all ok

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> Is the antenna on the vhf side a dual-band antenna? The radio will scale power back if it detects a high swr. Being that vhf is ok, that was my first thought.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "ve2whz" <ve2whz@> wrote:
> >
> > i have buy a ft-897d
> >
> >
> > i no have power on uhf or very low at 50mw...
> >
> > hf ok
> > 50m ok
> > vhf ok
> >
> >

> > the final is not the same on vhf/uhf ??
> >
> > i have check all setting power mod ...
> >
> > do you have idea ??
> >
>

[Non-text portions of this message have been removed]

30588. Re: ft-897d no output on UHF

Yahoo group: FT897 (2010)
Date: 2010-07-14 09:56:45 UTC
From: Don Taylor
Topic: 30520 Message: 30588

The same transistor(s) are used for VHF and UHF. If the VHF PO is O.K.
Check that the current drawn on UHF is about the same as VHF. If it is
check the diodes D3019 and D3022 for an OPEN also check diodes D3023 and
D3039 for shorts. If they are O.K. check the following:

Set Mode to SSB (NO CARRIER) The anode of D3019 Should go to +5
Volts when you press the PTT.

If you can☐t find these parts let me know ☐OFF LINE☐ and I☐ll send you the
PBC layout. All the parts on the top of the PCB

55 es 73

DJØKM / K9SFN

Don

dj0km@...

I am using the Free version of SPAMfighter <http://www.spamfighter.com/len>
.
SPAMfighter has removed 770 of my spam emails to date.

Do you have a slow PC? <http://www.spamfighter.com/SLOW-PCfighter?cid=sigen>
Try free scan!

[Non-text portions of this message have been removed]

30589. Re: Software to manage memory?

Yahoo group: FT897 (2010)
Date: 2010-07-14 10:14:17 UTC
From: Hank
Topic: 30583 Message: 30589

I second FTBasicMMO. It's easy to use and support for the program is the best in the industry. Bob, G4HFQ (The creator of FTBasicMMO) responds to e-mails quickly, and he regularly monitors the FTBasic yahoo group and personally responds to questions.

While there are free rig control programs, I haven't found any free memory management software for the FT-897D. However, for the small price, I am more than happy to pay for FTBasicMMO and support a ham.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "nhojaj" <jajohn80@...> wrote:
>
> Looking for Windows based software to allow me to manage the FT-897D memory via computer (upload/edit/download etc). Free would be best but willing to pay if necessary. Also wondering about any web sites that may have frequency lists (SWL, local repeaters, local interesting stations for example) that I could use as a starting point instead of reinventing the wheel. Thanks...John
>

30590. Re: [FT897] Software to manage memory?

Yahoo group: FT897 (2010)
Date: 2010-07-14 13:38:44 UTC
From: P Grant
Topic: 30583 Message: 30590

Hello John

I cannot guess what country you are in,,,, but,,, there are several "scanner" [SWL] yahoo groups, which may be a way to find what you are looking for.

Our local club website www.ei7dar.com has direct acces to marine AIS, and Aircraft ADS-B, which would be somewhere to start.

If you send your email to info@... one of our SWL members will be glad to send you some info on your chosen bands.

Sorry, but I have left SWL'ing years ago,,, but,,, I have listened on the ADS-B,,, it was great up to date info on the Icelandic dust clouds when they were in vogue.

Our local 2M repeater www.ei7dar.com is live streaming 24/7 when there is activity in the club shack or the repeater.

73 from Ireland _____ Peter EI4HX ei4hxperimental@...

_____|||_|=|
----- Original Message -----
From: nhojaj
To: FT897@yahoogroups.com
Sent: Monday, July 12, 2010 4:47 PM
Subject: [FT897] Software to manage memory?

Looking for Windows based software to allow me to manage the FT-897D memory via computer (upload/edit/download etc). Free would be best but willing to pay if necessary. Also wondering about any web sites that may have frequency lists (SWL, local repeaters, local interesting stations for example) that I could use as a starting point instead of reinventing the wheel. Thanks...John

[Non-text portions of this message have been removed]

30591. Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Yahoo group: FT897 (2010)
Date: 2010-07-14 14:51:25 UTC
From: Danny Loyd
Topic: 30570 Message: 30591

David,

Someone hijacked your e-mail address. It happens a lot on other servers then it is sent to everyone in your addressbook. It happens to the best of us. Only think you can do is change your passwords on your e-mail accounts and it should stop it for awhile.

No foul, no harm.

Danny
KE5WDI

From: blownfuse <blownfuse@windstream.net>
To: FT897@yahoogroups.com
Sent: Tue, July 13, 2010 5:10:43 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Gentleman,
I don't know how this ended up here but I am the guilty party. If you can't forgive me for the mistake just unsubscribe me from the list.

David
Wd8oss
----- Original Message -----
From: Bill Husted
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:35 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

Strongly agree - if I want political stuff I'll go to a forum for that.

Bill KQ4YA
----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:21 PM
Subject: Re: [FT897] Fw: FW: A Sign in Houston Mall , UNBELIEVABLE

What does any of this have to do with FT-897??? Stay on the topic!! 88 Carl
WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30592. Re: [FT897] True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-14 15:44:35 UTC
From: Mark Baker
Topic: 30516 Message: 30592

Thanks Danny and all for the responses.

Last question: does the output of the unit vary with the SWR? Example at 1:1 swr peak 100watts at 2:1 peak 50 watts?

In other words does the metered output decline with a higher swr?

Thanks again.

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Sun, July 11, 2010 8:51:51 PM
Subject: Re: [FT897] True RF power output on FT 897D?

Mark,

The LDG meter is only reading the average peak reading on SSB because it shows only the delay not the total peak power that you see on other modes such as AM/CW/FM. With those modes you have full power to the carrier and it shows max peak power on the meter.

Danny
KE5WDI

From: stereoimage73 <stereoimage73@...>
To: FT897@yahoogroups.com
Sent: Sat, July 10, 2010 12:14:07 PM
Subject: [FT897] True RF power output on FT 897D?

Just got my ticket and purchased the FT 897D new. Also got the LDG FT Meter for the 897 D (plugs in to the radio) so I can check SWR and and other parameters.

I am using with an MFJ 1625 balcony antenna. Getting a 1.2 to 1 match on 20 meters. When I transmit (and referencing power output on meter) Im only seeing max 50 watts output with the radio set at 100 watts.

I thought the

I believe the radio will put out a MAXIMUM of 100 watts but the average will be a bit less than that.

Question:

a.The big question. Does the meter represent the real radio output or is the output of the radio affected with an antenna/tuner load?.

b. Will SSB power output or metering differ from AM/CW/FM modes?

Since the LDG meter never shows more than 50 watt peaks (and its a new radio) I'm not sure what what referencing.

Thanks for any opinions. I'm new to this and want to get as much information as possible. I would have called Yaesu but they are closed on Saturday.

Regards
Mark
KD8OLI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30593. Re: Excessive RX noise. Noise dip after short transmissions.

Yahoo group: FT897 (2010)
Date: 2010-07-15 19:43:48 UTC
From: kav246
Topic: 30559 Message: 30593

Hello

I believe you say further down the thread the noise level was zero with the antenna removed?

If so this suggests you are picking up external interference.

The quickest way to check if that interference is self generated is to power your 897 from a battery (internal or external), set it to a frequency where the noise is most evident then have someone at your consumer unit kill the power to the whole house. If the noise goes away completely then you know it's something you've got plugged in.

Next, go round the house and unplug EVERYTHING then turn the mains back on. If the noise comes back then its one of three things. 1.Something that is hard wired (usually heating systems, cookers or electric showers, ie anything with a thermostat). 2. Something you forgot to unplug (go round and check again). 3. A problem on the consumer unit or supply.

Assuming (always dangerous) at this point that you now have mains power restored and the noise has NOT returned, you can start the joyus task of plugging back in all the gadgets you have scattered around the house, one at a time, to see if one of them is causing the problem. If one item brings the noise back then you've at least found your problem. Now all you've got to do is cure it!

Thats the easy solution but there could be a far more complicated outcome. What if you get as far as liiling the mains and find that the noise reduces by say 50% ?

That would suggest that it was partly caused by something in your house but that there is also something farther affield having an effect.

Now you have to find out what you've got that your neighbours have also got. If you're on an estate where all the houses were built the same it could be a burgler alarm/boiler/doorbell transformer etc. Alternatively if you're really neighbourly with the neighbours try and think what you got that they said "ooh I like that (TV/phone/router/fridge/electric toilet roll dispencer etc), I gotta get me one of them!" and if you hit on anything ask them to turn it off.

If all that fails, get yourself a portable HF RX (I used a Kenwood TH-F7E but just coz I had one) and start DFing. Don't use the 897 unless you have to. The ideal solution is that you have somebody monitor the noise back home while you go wandering. Have a link to them (uhf maybe) so that if you find a noise source you can (hopefully) have it turned off and ask the monitor if it made a difference.

If your really lucky you won't have to go that far!

A few noise sources I've found.

PC (obviously) (S2-S5ish band dependent)
The PSU for a Belkin USB hub (S3-S8)

Low voltage lighting transformer (S2-S3)
Energy efficient light bulb.....er NOT!!!!! (S8-S9)

And my favorite (especially as it was not my problem) a timer in the base of a street lamp (S9+40).

Good luck with the search

Regards

Kav.

PS. one other thing. If that G5RV is one of the "quality" that has cheap pink 300 ohm into a nasty plastic "pot" with a poor quality PL conector thrown at it from a hundred yards and little or no waterproofing they sometimes corrode and create a sort of grey mush that seems to rectify all kinds of crud into apparently valid radio signals that just sound like hash. You could try replacing those parts with better compnents.

30594. Re: True RF power output on FT 897D?

Yahoo group: FT897 (2010)
Date: 2010-07-15 21:49:09 UTC
From: Steve Yates
Topic: 30516 Message: 30594

Yes, the rig has an SWR protection circuit that reduces the RF output as the SWR increases. Mine is fairly aggressive.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Mark Baker <stereoimage73@...> wrote:
>
> Thanks Danny and all for the responses.
>
> Last question: does the output of the unit vary with the SWR? Example at 1:1 swr
> peak 100wattsÂ Â at 2:1 peak 50 watts?
>
> In other words does the metered output decline with a higher swr?
>
> Thanks again.
>
>
> Â

30595. Adjusting for slightly off-frequency display?

Yahoo group: FT897 (2010)
Date: 2010-07-16 03:32:41 UTC
From: Philip
Topic: 30595 Message: 30595

I thought I had read this somewhere in the manual, but I don't seem to be able to find it...whenever I tune a station on USB or LSB I find that instead of e.g. 14.285 being right in frequency that I always need to tune off by about .04 So if I tune to 14.285 and listen, the voice on USB is just a little too low so I always tune to 14.284.96

Where can I make that slight adjustment to the rig? Sort of a permanent RIT adjustment I suppose. Anyway- I'd like to be able to make that change. Rig is an FT-897D if that matters.

Thanks.

30596. Re: Adjusting for slightly off-frequency display?

Yahoo group: FT897 (2010)
Date: 2010-07-16 13:46:14 UTC
From: Steve Yates
Topic: 30595 Message: 30596

Hi pwscott98,

First, I would tune to 5.0 or 10.0 MHz and see how far off your rig really is from the frequency standard. You can tune to exactly 10.0 MHz and switch between USB and LSB and all should sound the same if it is on frequency. Or, you can put it in the CW mode and hole the "Home" button down to activate the tone to check the zero beat. The beat note that you hear should be no more then a few cycles per second. If your rig is off as much as you think then there will be about a 40 Hz tone generated when trying to zero beat.

If it is truly off frequency you can open the rig up and adjust the little screw on the TXCO. Or you could just set the rig up as if it were using a transverter and adjust the frequency offset in menus 089 and 090.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Philip" <pwscott@...> wrote:
>
> I thought I had read this somewhere in the manual, but I don't seem to be able to find it...whenever I tune a station on USB or LSB I find that instead of e.g. 14.285 being right in frequency that I always need to tune off by about .04 So if I tune to 14.285 and listen, the voice on USB is just a little too low so I always tune to 14.284.96
>
> Where can I make that slight adjustment to the rig? Sort of a permanent RIT adjustment I suppose. Anyway- I'd like to be able to make that change. Rig is an FT-897D if that matters.
>
> Thanks.
>

30597. Re: Adjusting for slightly off-frequency display?

Yahoo group: FT897 (2010)
Date: 2010-07-16 13:56:12 UTC
From: Steve Yates
Topic: 30595 Message: 30597

I meant "hold the "Home" button down".

Steve - AA5TB

30598. Help with DSP function

Yahoo group: FT897 (2010)
Date: 2010-07-17 07:00:08 UTC
From: kj6cfi
Topic: 30598 Message: 30598

Can anyone help me with the DSP function on my FT-897D? I pressed the "DSP" and got the DSP to turn on. When I pressed the DSP button again I could not get it to turn off, except to turn the radio off and fully reset the rig when powering on. I could not find anywhere in the manual how to turn on and off the DSP function. Did I miss something?
Denny Dollahon, KJ6CFI

30599. Re: After tuning in high power, LDG AT-897 tuner seems to fail.

Yahoo group: FT897 (2010)
Date: 2010-07-17 09:50:33 UTC
From: klokkenman
Topic: 30502 Message: 30599

last update.

The K8 relay wasn't the problem. Comparing it with an other LDG tuner makes that clear.
One of the L-C combinations could not be switched on/ off, and replacing this relay fixed the problem.
Connected through two home made cables my tuner is now working great again.
Amazing what this little device can do.

30600. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-17 10:29:51 UTC
From: klokkenman
Topic: 30062 Message: 30600

In order to check your SWR, you can put your FT-897 in the non fixed display position. Than an green to red display will give you an indication of your SWR (if selected) no Mather what options are selected to show in your display. This will provide an instant readout of your SWR.

Despite the shortness of information, I think the services of LDG is amazing.
Trying to fix a defect LDG AT-897 tuner, LDG shipped me a couple of relays with no payment asked.
I could not claim any warranty on it. It's a second hand defect one. And it was given to me, so I could have some fun trying to repair the "magic box".
Working great now. Even it's an non plus version.

73,
Rob

30601. Re: [FT897] Help with DSP function

Yahoo group: FT897 (2010)
Date: 2010-07-17 10:33:06 UTC
From: Patrick
Topic: 30598 Message: 30601

Press the F function button to return to mormal. It tells u this in the DSP section in the manual , just read again the last line in the steps on how to adjust the DSP , F button saves any changes you made to the dsp settings
patrick gw1sxn
----- Original Message -----
From: "kj6cfi" <kj6cfi@...>
To: <FT897@yahoogroups.com>
Sent: Saturday, July 17, 2010 8:00 AM
Subject: [FT897] Help with DSP function

> Can anyone help me with the DSP function on my FT-897D? I pressed the
> "DSP" and got the DSP to turn on. When I pressed the DSP button again I
> could not get it to turn off, except to turn the radio off and fully reset
> the rig when powering on. I could not find anywhere in the manual how to
> turn on and off the DSP function. Did I miss something?
> Denny Dollahon, KJ6CFI
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.839 / Virus Database: 271.1.1/3009 - Release Date: 07/16/10 07:35:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 9.0.839 / Virus Database: 271.1.1/3009 - Release Date: 07/16/10 07:35:00

[Non-text portions of this message have been removed]

30602. Re: [FT897] Help with DSP function

Yahoo group: FT897 (2010)
Date: 2010-07-17 23:17:18 UTC
From: Curt Givens
Topic: 30598 Message: 30602

Actually when you press the dsp button it pulls the dsp menu for the three keys under the display (A B C) if you have any of them turned on when you leave dsp by pressing the dsp button again it stays on the ABC keys are latch on latch off. SSo when you go back to say the meter display the dsp stays on until you return to it and unlatch the dsp function you have turned on.

de Curt KC8STE/AAR5VR
73

--- On Sat, 7/17/10, Patrick <patrick.obrien47@virgin.net> wrote:

From: Patrick <patrick.obrien47@...>
Subject: Re: [FT897] Help with DSP function
To: FT897@yahoogroups.com
Date: Saturday, July 17, 2010, 6:33 AM

Press the F function button to return to mormal. It tells u this in the DSP

section in the manual , just read again the last line in the steps on how to

adjust the DSP , F button saves any changes you made to the dsp settings

patrick gw1sxn

----- Original Message -----

From: "kj6cfi" <kj6cfi@yahoo.com>

To: <FT897@yahoogroups.com>

Sent: Saturday, July 17, 2010 8:00 AM

Subject: [FT897] Help with DSP function

> Can anyone help me with the DSP function on my FT-897D? I pressed the

> "DSP" and got the DSP to turn on. When I pressed the DSP button again I

> could not get it to turn off, except to turn the radio off and fully reset

> the rig when powering on. I could not find anywhere in the manual how to

> turn on and off the DSP function. Did I miss something?

> Denny Dollahon, KJ6CFI

>

>

>

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>

> Yahoo! Groups Links

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>

No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 9.0.839 / Virus Database: 271.1.1/3009 - Release Date: 07/16/10

07:35:00

No virus found in this outgoing message.

Checked by AVG - www.avg.com

Version: 9.0.839 / Virus Database: 271.1.1/3009 - Release Date: 07/16/10 07:35:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30603. Menu color and SWR on FT-897D

Yahoo group: FT897 (2010)
Date: 2010-07-15 14:40:39 UTC
From: pa4hb
Topic: 30603 Message: 30603

I have a FT-897D and I like to set the MTR 1 or MTR 2 settings but when I go to menu #41 and turn my dial I only have FIX 1 till FIX 32, where can I find the MTR 1 and MTR 2 settings?

Henk
PA4HB

30604. Not able to tune 146.000 MHz and other problems.

Yahoo group: FT897 (2010)
Date: 2010-07-18 01:25:21 UTC
From: Bob
Topic: 30604 Message: 30604

I am unable to tune beyond 146.000 MHz on 2 meter. Drops back to 144.000MHz. On 70cm, same problem 430.000 to 440.000 the back to 430.000. Also, on HF. on 40 meters, anything over 7.102.50 give me TX ERROR.

Thanks for any assistance on this one.

Bob K9ZHJ

30605. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-17 17:27:31 UTC
From: pa4hb
Topic: 30062 Message: 30605

--- In FT897@yahoogroups.com, "klokkenman" <klokkenman@...> wrote:
>
> In order to check your SWR, you can put your FT-897 in the non fixed display position.
> Than an green to red display will give you an indication of your SWR (if selected) no Mather what options are selected to show in your display. This will provide an instant readout of your SWR.
>
> Despite the shortness of information, I think the services of LDG is amazing.
> Trying to fix a defect LDG AT-897 tuner, LDG shipped me a couple of relays with no payment asked.
> I could not claim any warranty on it. It's a second hand defect one. And it was given to me, so I could have some fun trying to repair the "magic box".
> Working great now. Even it's an non plus version.
>
> 73,
> Rob
>

AT-897 and AT-897Plus are internal the same, the only difference is that the plus version got all the info and power from the FT-897 due one cable, the catcable.

30606. Re: After tuning in high power, LDG AT-897 tuner seems to fail.

Yahoo group: FT897 (2010)
Date: 2010-07-17 16:33:02 UTC
From: pa4hb
Topic: 30502 Message: 30606

--- In FT897@yahoogroups.com, "klokkenman" <klokkenman@...> wrote:
>
> last update.
>
> The K8 relay wasn't the problem. Comparing it with an other LDG tuner makes that clear.
> One of the L-C combinations could not be switched on/ off, and replacing this relay fixed the problem.
> Connected through two home made cables my tuner is now working great again.
> Amazing what this little device can do.
>

Great work ;-)

PA4HB

30607. FT897D with FNB 78 batteries installed

Yahoo group: FT897 (2010)
Date: 2010-07-17 19:39:36 UTC
From: anna
Topic: 30607 Message: 30607

fnb 78 battery left installed in my ft897d while running the radio with my power supply, will it damage my fnb 78 batteries and will i actually have full 100 watts or is it still limited to 20 watts

30608. Re: FT897D with FNB 78 batteries installed

Yahoo group: FT897 (2010)
Date: 2010-07-18 02:53:14 UTC
From: Bob
Topic: 30607 Message: 30608

--- In FT897@yahoogroups.com, "anna" <anna513lang@...> wrote:
>
> fnb 78 battery left installed in my ft897d while running the radio with my power supply, will it damage my fnb 78 batteries and will i actually have full 100 watts or is it still limited to 20 watts
>

Your radio will be running with 100 watts when connected to the external power supply. Good point on the battery's. I would think that they would be recharging at that time.

30609. Ameritron AL-811

Yahoo group: FT897 (2010)
Date: 2010-07-18 03:15:26 UTC
From: Sean
Topic: 30609 Message: 30609

Would the AL-811 be a good match with our rigs?? Any problems running it on a 15A circuit? I have a newer home, and just about everything upstairs in on a single circuit.
Sean / W7TRD

30610. RE: [FT897] Ameritron AL-811

Yahoo group: FT897 (2010)
Date: 2010-07-18 03:54:24 UTC
From: Dave Tipton, W5DMT
Topic: 30609 Message: 30610

It's rated at 10Amps. I've done it using 1 circuit, but I wouldn't recommend it. I finally broke down a few months ago and had 4-30A 120V circuits and 2-30A 240V circuits put into the shack in addition to the 20 Amp service that powers the rest of the office.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
Sent: Saturday, July 17, 2010 10:15 PM
To: FT897@yahoogroups.com
Subject: [FT897] Ameritron AL-811

Would the AL-811 be a good match with our rigs?? Any problems running it on a 15A circuit? I have a newer home, and just about everything upstairs in on a single circuit.
Sean / W7TRD

[Non-text portions of this message have been removed]

30611. Re: [FT897] Re: FT897D with FNB 78 batteries installed

Yahoo group: FT897 (2010)
Date: 2010-07-18 04:32:54 UTC
From: Carl Wulfestieg
Topic: 30607 Message: 30611

Wrong - the batteries only are recharged when they are connected to the charger -
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30612. RE: [FT897] Not able to tune 146.000 MHz and other problems.

Yahoo group: FT897 (2010)
Date: 2010-07-18 06:05:27 UTC
From: Eric van de Weyer
Topic: 30604 Message: 30612

Hi Bob,

Sounds like you have a radio which wasn't originally meant for your region. Possibly UK where, I think, they have those restrictions. You may need to do some research, possibly in the archives of this group, to find what needs to be changed to get it correct you your region.

If it is meant for the Japanese market, there may be nothing you can do as, I believe, their units have to be fixed, in firmware of the processior, so that they cannot be changes to which end, I believe, they have a different processor chip which has the firmware hard coded and cannot be changed except by replacing the processor chip.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bob
Sent: Sunday, 18 July 2010 11:25
To: FT897@yahoogroups.com
Subject: [FT897] Not able to tune 146.000 MHz and other problems.

I am unable to tune beyond 146.000 MHz on 2 meter. Drops back to 144.000MHz. On 70cm, same problem 430.000 to 440.000 the back to 430.000. Also, on HF. on 40 meters, anything over 7.102.50 give me TX ERROR.

Thanks for any assistance on this one.

Bob K9ZHJ

Yahoo! Groups Links

30613. RE: [FT897] Ameritron AL-811

Yahoo group: FT897 (2010)
Date: 2010-07-18 11:52:13 UTC
From: Richard Drevo
Topic: 30609 Message: 30613

Sean, If possible, do to the voltage drop and additional current required off of a 115 VAC circuit, its always better to run higher power amplifiers on a 220 VAC circuit. (I had an extra 220 VAC line run upt o my ham shack and it wasn't that expensive to do.)

Hope this helps,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sean
Sent: Saturday, July 17, 2010 11:15 PM
To: FT897@yahoogroups.com
Subject: [FT897] Ameritron AL-811

Would the AL-811 be a good match with our rigs?? Any problems running it on a 15A circuit? I have a newer home, and just about everything upstairs in on a single circuit.
Sean / W7TRD

[Non-text portions of this message have been removed]

30614. ldg at 200-pro used with ft897d

Yahoo group: FT897 (2010)
Date: 2010-07-18 14:55:20 UTC
From: ron
Topic: 30614 Message: 30614

When I tune my AT200-pro on bands 20 to 10 metres the figures on the display go out ,and to get them back have to turn the radio off then on.
The same thing happens each time I hit the tune button on the at200-pro all fine on 80/40 metres I am using a long wire for the antenna,by the way the same thing happens when using a dummy load ???

Regards
Ron GW3PLB

30615. RE: [FT897] Not able to tune 146.000 MHz and other problems.

Yahoo group: FT897 (2010)
Date: 2010-07-18 17:16:17 UTC
From: Robert S. Howard
Topic: 30604 Message: 30615

I opened up the top case this morning. ALL 9 JUMPERS have been set to "open".

To: FT897@yahoogroups.com
From: eric@...
Date: Sun, 18 Jul 2010 16:05:27 +1000
Subject: RE: [FT897] Not able to tune 146.000 MHz and other problems.

Hi Bob,

Sounds like you have a radio which wasn't originally meant for your region.

Possibly UK where, I think, they have those restrictions. You may need to do

some research, possibly in the archives of this group, to find what needs to

be changed to get it correct you your region.

If it is meant for the Japanese market, there may be nothing you can do as,

I believe, their units have to be fixed, in firmware of the processior, so

that they cannot be changes to which end, I believe, they have a different

processor chip which has the firmware hard coded and cannot be changed

except by replacing the processor chip.

73....Eric VK2VE.

-----Original Message-----

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bob

Sent: Sunday, 18 July 2010 11:25

To: FT897@yahoogroups.com

Subject: [FT897] Not able to tune 146.000 MHz and other problems.

I am unable to tune beyond 146.000 MHz on 2 meter. Drops back to

144.000MHz. On 70cm, same problem 430.000 to 440.000 the back to 430.000.

Also, on HF. on 40 meters, anything over 7.102.50 give me TX ERROR.

Thanks for any assistance on this one.

Bob K9ZHJ

Yahoo! Groups Links

The New Busy is not the old busy. Search, chat and e-mail from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_3

[Non-text portions of this message have been removed]

30616. Re: Menu color and SWR on FT-897D

Yahoo group: FT897 (2010)
Date: 2010-07-18 18:09:39 UTC
From: m0xdx
Topic: 30603 Message: 30616

Hi Henk,

Go to menu 44 and set it to AUTO2.
Then go back to menu 41 and set it to MTR1.
That should do it.

73 Paul M0XDX

30617. Re: FT897D with FNB 78 batteries installed

Yahoo group: FT897 (2010)
Date: 2010-07-18 07:39:55 UTC
From: anna
Topic: 30607 Message: 30617

I don't want to charge the batteries with my power supply, I do have the correct charger for the FNB-78 . I don't want to take them out every time I want to use the radio at home or mobile

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Wrong - the batteries only are recharged when they are connected to the charger -
> 73 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>

30618. Re: [FT897] Re: FT897D with FNB 78 batteries installed

Yahoo group: FT897 (2010)
Date: 2010-07-18 22:20:00 UTC
From: Carl Wulfestieg
Topic: 30607 Message: 30618

Why would you take them out to charge them? You connect the charger to each battery while it is in place in the radio through the rear battery connector. Carl

[Non-text portions of this message have been removed]

30619. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-19 01:16:56 UTC
From: thb201
Topic: 30062 Message: 30619

The "AT-897" and the "AT-897 Plus" are not the same. There is a big difference. The "Plus" model is true one touch tune. You push the button, the tuner powers down the FT-897, switches it to AM mode, tunes for best match, and then returns the FT-897 back to it's original power and mode settings. As I recall the original AT-897 did not do this. You had to power down the rig yourself and switch to a constant carrier mode, and then hit the tune button, after which you had to manually return your rig back to it's original operating state. This is why I didn't buy the AT-897. Too much button pushing.

The AT-897 Plus and the YT-100 are functionally identical, except in different enclosures. The YT-100 is in a stand alone box while the AT-897 Plus bolts to the side of the rig. They do indeed take their data and power from the CAT port and there is a duplicate CAT connector on the backs of the tuners. The YT-100 tuner will also work with the Yaesu FT-857 and FT-100 rigs whereas the AT-897 Plus is a dedicated tuner for the FT-897 only.

When the YT-100 (which is the same as the AT-897 Plus except it's in a different enclosure) came out I jumped at it because of the added convenience. I'm glad I did because the YT-100 is a great little tuner.

Please note that these tuners are not true autotuners. If the SWR changes due to a change in frequency or a move to another band they do not sense a change in SWR and retune on their own. You must still monitor SWR yourself and retune when necessary. Even so with the one touch tune feature they are a big step forward in operating convenience and it's the tuner I use when I operate portable.

73
John
VE3CXB

> AT-897 and AT-897Plus are internal the same, the only difference is that the plus version got all the info and power from the FT-897 due one cable, the catcable.
>

30620. Re: [FT897] Ameritron AL-811

Yahoo group: FT897 (2010)
Date: 2010-07-19 01:49:47 UTC
From: Bill Barbee
Topic: 30609 Message: 30620

Sean, I've been running an AL-811 since May 1995 and it has
always run on 120V 15AMP
circuit with no problem. This amp is a good buy and very
dependable.
73 Bill W5LV

>Would the AL-811 be a good match with our rigs?? Any problems running it on a 15A circuit?
I have a newer home, and just about everything upstairs in on a single circuit.
> Sean / W7TRD
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>Yahoo! Groups Links
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30621. FT-897D manpack videos and pics

Yahoo group: FT897 (2010)
Date: 2010-07-19 09:58:03 UTC
From: ec1cw
Topic: 30621 Message: 30621

I have recently posted some videos and pictures of my FT-897D manpack. It has the internal batteries and an FC-40 antenna tuner attached, with a mount for whip antennas. You can see them here:

http://ec1cw.blogspot.com/search/label/FT-897

Lately I have also been experimenting with solar power.

73 de Diego EC1CW

30622. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-20 01:52:47 UTC
From: Pronto. (Military)
Topic: 30062 Message: 30622

Hi John
The requirement to change to AM and power down to tune the 897 is truly a pain. I have one and suffered that issue for a few years until I put a tone oscillator inside the mic. All I do is push the switch on the rear and the tuner briefly chatters and all is tuned. I only run mine at 20 watts as I operate portable.
Jim VE3DDY

--- In FT897@yahoogroups.com, "thb201" <hudakjm@...> wrote:
>
> The "AT-897" and the "AT-897 Plus" are not the same. There is a big difference. The "Plus" model is true one touch tune. You push the button, the tuner powers down the FT-897, switches it to AM mode, tunes for best match, and then returns the FT-897 back to it's original power and mode settings. As I recall the original AT-897 did not do this. You had to power down the rig yourself and switch to a constant carrier mode, and then hit the tune button, after which you had to manually return your rig back to it's original operating state. This is why I didn't buy the AT-897. Too much button pushing.
>
> The AT-897 Plus and the YT-100 are functionally identical, except in different enclosures. The YT-100 is in a stand alone box while the AT-897 Plus bolts to the side of the rig. They do indeed take their data and power from the CAT port and there is a duplicate CAT connector on the backs of the tuners. The YT-100 tuner will also work with the Yaesu FT-857 and FT-100 rigs whereas the AT-897 Plus is a dedicated tuner for the FT-897 only.
>
> When the YT-100 (which is the same as the AT-897 Plus except it's in a different enclosure) came out I jumped at it because of the added convenience. I'm glad I did because the YT-100 is a great little tuner.
>
> Please note that these tuners are not true autotuners. If the SWR changes due to a change in frequency or a move to another band they do not sense a change in SWR and retune on their own. You must still monitor SWR yourself and retune when necessary. Even so with the one touch tune feature they are a big step forward in operating convenience and it's the tuner I use when I operate portable.
>
> 73
> John
> VE3CXB
>
>
> > AT-897 and AT-897Plus are internal the same, the only difference is that the plus version got all the info and power from the FT-897 due one cable, the catcable.
> > >
>

30623. FT-897 and Digital Modes On FM

Yahoo group: FT897 (2010)
Date: 2010-07-20 03:03:56 UTC
From: JonP
Topic: 30623 Message: 30623

I want to use my FT-897 to do MT63 digital over VHF FM (I'm also doing the same with an FT-7800). I'm unclear on how to make the connections. I know that I can do the hold the microphone up to the computer speaker and hold the computer microphone up to the rig's speaker trick, but I would like to do something a little more "professional" looking since I'm going to be doing demonstrations to senior people in various served agencies.

Can I use the data jack? I'm assuming that I can't because the data jack seems to be for either SSB-based digital or for FM packet. Is that correct, or can I use it? If I can, what menu settings would I use? Would I be setting the mode to FM, to Digital, or to Packet?

If not the data jack, what type of connector for the mic jack? It doesn't seem to be an RJ-45 sized jack. I have a RIGblaster NOMIC that handles a standard RJ-45 jack but I think I can rig something up if I have to.

Thanks

Jon
KB1QBZ

30624. Re: [FT897] Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-20 03:25:32 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 30062 Message: 30624

I believe I have the AT-897 (not the plus). It has two cables. One cable goes to the ACC jack. This is a 3.5mm stereo phone jack, and it was designed to connect to an external amp. The other cable connects to the CAT port.

The AT-897 uses the TX REQ ring of the ACC jack to drop the power and key up in CW mode. This is the signal used to tune the AT-897.

See page 18 of the FT-897 manual.

If it lacked this feature, I wouldn't be able to tune in SSB mode as I do.

So, there is no requirement to change modes with the AT-897. There is such a requirement for the Z-100, for example.

Rob
AF6CM

On Tue, 20 Jul 2010 01:52 +0000, "Pronto. (Military)" <portdoverbells@...> wrote:

Hi John
The requirement to change to AM and power down to tune the 897 is truly a pain. I have one and suffered that issue for a few years until I put a tone oscillator inside the mic. All I do is push the switch on the rear and the tuner briefly chatters and all is tuned. I only run mine at 20 watts as I operate portable.
Jim VE3DDY
--- In [1]FT897@yahoogroups.com, "thb201" <hudakjm@...> wrote:
>
> The "AT-897" and the "AT-897 Plus" are not the same. There is a big difference. The "Plus" model is true one touch tune. You push the button, the tuner powers down the FT-897, switches it to AM mode, tunes for best match, and then returns the FT-897 back to it's original power and mode settings. As I recall the original AT-897 did not do this. You had to power down the rig yourself and switch to a constant carrier mode, and then hit the tune button, after which you had to manually return your rig back to it's original operating state. This is why I didn't buy the AT-897. Too much button pushing.
>

30625. CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 04:49:27 UTC
From: harry l
Topic: 30625 Message: 30625

OK here's the problem. Operating system XP home, SP3. USB interfaces tried RTS-03 that works great with my VX-3R and ADMS software. The second USB to serial IF I purchased today is a Gigaware unit from radio shack. The software I REALLY want to use is the FTBasicMM memory management software. (Even paid the $15 for it). When I try to force the 897 to "clone mode" it won't. Never, ever ... refused at any speed with either interface set up. To make matters worst HRD will sink up and work great then drop out. The same is true for Virtual Legacy radio and FTBCAT won't sink up at all. The radio is a ACER-one netbook. It has worked perfect with my IC-7200 and with my CV-I interface used with ICOM radios I have had in the past...i.e. 718, 706, 703 and my present 756 classic.

So what am I missing. Do I have a screw up CAT port? Is this a common problem with this model radio? With all the ICOM and Yeasu radios I have had in the past I have NEVER had this much problem getting simple software to work. It is bad enough that the radio won't go into clone mode so I can get a radio image to add to, but why is HRD and the others working so great then all of a sudden drop out? Any suggestion will be greatly appreciated.

73
harry k7zov

30626. Re: [FT897] CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 05:28:14 UTC
From: Keith
Topic: 30625 Message: 30626

On 7/19/10 9:49 PM, "harry l" <harrylatterman@...> wrote:

> So what am I missing. Do I have a screw up CAT port? Is this a common problem
> with this model radio? With all the ICOM and Yeasu radios I have had in the
> past I have NEVER had this much problem getting simple software to work. It is
> bad enough that the radio won't go into clone mode so I can get a radio image
> to add to, but why is HRD and the others working so great then all of a sudden
> drop out? Any suggestion will be greatly appreciated.

What serial to USB converter are you using? Is it a prolific driver for
PL-2303?

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

30627. Re: [FT897] CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 06:08:22 UTC
From: harry latterman
Topic: 30625 Message: 30627

I am not sure what you are referring too. I have 2 different rs-232 to usb devices. One that I got when I bought the ADAMS software for my VX-3r. zero problem with that one, and I have used it with my PIC programmer and interfacing to a FT-450 before I traded it off for my IC-7200. Out of frustration I got the latest one sold by RS today. The model number is 26-949. I si USB 2.0 compatilble and has drivers for 98SE, ME, 2000, XP and vista. There is no reason for it not to work...as well as the other one.

An FYI I just move the radio and driver to my main computer and I am in the process of trying it here now...more later if it works..

73
Harry

[Non-text portions of this message have been removed]

30628. Re: CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 08:07:28 UTC
From: g4hfq
Topic: 30625 Message: 30628

Harry,

Your RTS-03 USB/serial converter used a FTDI USB chip - their USB drivers are reliable. Your new cable may not have the same manufacturer's USB chip in it - it could be a Prolific one; they are very common. Prolific USB drivers are a bit of a mixed bag; some versions work but others give problems. To check which drivers your cable uses do this:

1. Plug your USB/serial converter into an available USB port.
2. Click the Windows Start button and look for My Computer.
3. Right-click My Computer and choose Manage. Wait for a window to open.
4. In the left hand pane click Device manager.
5. Look in the right hand pane for Ports (COM & LPT) and click on the + sign to open the list of devices.
6. Look for your cable. If you are not sure what it is called then unplug it and note which item disappears, then plug it in again.
7. Double-click the entry for your cable. A Properties window should open.
8. Click on the Driver tab. There you will see the Driver Provider and Driver Version.

If the provider name is Prolific then here is a link to a Prolific PL-2303 USB driver installer on my web site that usually works with XP:

http://www.g4hfq.co.uk/dev/PL2303XP2K2028.exe

Download and run the driver installer.

Be sure to have the cable disconnected from the PC when you run it. If the installer initially asks if you want to un-install the existing drivers then say yes; then re-boot; then run the installer a second time to install.

If the Driver Provider is neither FTDI nor Prolific then I don't know what to suggest for your cable.

Email me direct if you get stuck.

Bob G4HFQ

--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:
>
> I am not sure what you are referring too. I have 2 different rs-232 to usb devices. One that I got when I bought the ADAMS software for my VX-3r. zero problem with that one, and I have used it with my PIC programmer and interfacing to a FT-450 before I traded it off for my IC-7200. Out of frustration I got the latest one sold by RS today. The model number is 26-949. I si USB 2.0 compatilble and has drivers for 98SE, ME, 2000, XP and vista. There is no reason for it not to work...as well as the other one.
>
> An FYI I just move the radio and driver to my main computer and I am in the process of trying it here now...more later if it works..

>
> 73
> Harry

30629. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-20 09:28:19 UTC
From: Geert Jan de Groot
Topic: 30062 Message: 30629

> The requirement to change to AM and power down to tune the 897 is
> truly a pain.

Sorry for playing my own harp but in the files section you'll
find a mod (mine) that automatically switches the rig to batt mode
(reducing power to 20W max) when you pull the TXreq line
on the 3.5mm AUX plug, which is what the AT897 (non-plus) does.

Push the AT897 button, the radio reduces power, gives carrier,
the tuner tunes and everything switches back automagically.

For the plus, you don't need this.

Geert Jan

30630. Re: [FT897] CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 12:27:13 UTC
From: Keith
Topic: 30625 Message: 30630

You can get FTDI cables here:

<http://search.digikey.com/scripts/DkSearch/dksus.dll?Cat=3670173&k=usb%20se
rial%20converter>

<http://www.amazon.com/gp/product/B0006LSIOI/ref=s9_simh_gw_p23_i3>

On 7/19/10 11:08 PM, "harry latterman" <harrylatterman@...> wrote:

> I am not sure what you are referring too. I have 2 different rs-232 to usb
> devices. One that I got when I bought the ADAMS software for my VX-3r. zero
> problem with that one, and I have used it with my PIC programmer and
> interfacing to a FT-450 before I traded it off for my IC-7200. Out of
> frustration I got the latest one sold by RS today. The model number is 26-949.
> I si USB 2.0 compatilble and has drivers for 98SE, ME, 2000, XP and vista.
> There is no reason for it not to work...as well as the other one.
>
> An FYI I just move the radio and driver to my main computer and I am in the
> process of trying it here now...more later if it works..
>
> 73
> Harry
>
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>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

30631. Re: CAT problem AAAAHHHHH!

Yahoo group: FT897 (2010)
Date: 2010-07-20 14:49:37 UTC
From: john_kb0ne
Topic: 30625 Message: 30631

One more sticky point.... the FT897 doesn't use RS232 perse..... RS232 is a 12volt level signal. The adaptors that most radios use translate the RS232 down to a 5 volt signal.... Just incase you are homebrewing an interface to the radio.

John KB0NE

30632. MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-20 22:13:39 UTC
From: AG0A
Topic: 30632 Message: 30632

Just loaded both programs on a new Dell Netbook for portable operation. BUT for some reason they will not let me "now" run digital operations under the digital mode setting that I used to be able to run on with an older computer. The same holds true for my 817 and 897. I have to use USB setting on the radios to get any output. Does anyone know what setting I am forgetting to set?? Oh, BTW, this holds true on MixW and DM7800 with either a SignaLInk USB or RigExpert Plus.

TU in Advance,
Galen

30633. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-07-21 04:04:26 UTC
From: harry latterman
Topic: 30633 Message: 30633

Bob,

Thanks for your suggestion. I did download the driver and removed the Radio Shack installed one. Much to my surprised once the driver was loaded in now comes up as Gigaware and not Radio Shack. So guess it must be compatible. That's the good news, the bad news is I still can not get Clone to come up. Also running FTBCAT works briefly and drops out and so does Virtual Legacy Radio. I am on yet another computer and have not loaded HRD on it as of yet.

I have observed that the above softeware runs more stable at the highest com speed. I pulled the CT-62 appart and check some voltages and did find that when the software would stop running the the bias (power for the translator) dropped. Soooooo I built a 2 transistor circuit with higher voltage levels and taking the power from the 897 and not the usb/rs-232 cable. Well the two memtioned software worked a lot longer, but still dropped out and would not re-sync unless a full power down and restart.

I really am starting to think it is the 897 but not sure what would cause the radio to all of a sudden drop the CAT port or do something to the CAT port that was not intended. If you or anyone else has any suggestions let me know. In the meantime I plan this week-end to get this thing on a O-scope and see if I can catch any problems.

If you or anyone has had a simular problem with or without a solution let me know ... thank you.

73
Harry

[Non-text portions of this message have been removed]

30634. Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-21 07:09:55 UTC
From: perryc
Topic: 30632 Message: 30634

I use the rt systems cable to link my laptop to my ft-897d.
one issue I have is that the radio and at-897plus tuner wont tune unless you minimize or maximize a tab or page of dm-780, then the tuner goes into tuning mode..
sometimes dm-780 locks up the computer.
perry ke6anm.

--- In FT897@yahoogroups.com, "AG0A" <AG0A@...> wrote:
>
> Just loaded both programs on a new Dell Netbook for portable operation. BUT for some reason they will not let me "now" run digital operations under the digital mode setting that I used to be able to run on with an older computer. The same holds true for my 817 and 897. I have to use USB setting on the radios to get any output. Does anyone know what setting I am forgetting to set?? Oh, BTW, this holds true on MixW and DM7800 with either a SignaLInk USB or RigExpert Plus.
>
> TU in Advance,
> Galen
>

30635. Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-21 10:29:18 UTC
From: JonP
Topic: 30632 Message: 30635

You didn't say what operating system you're running on the "new Dell notebook" and that's the key to the problems you're having.

If it's truly a NEW computer, then it's probably running Windows 7. Check in the in the Yahoo Digitalradio group and also check the HRD support forums -- there are some special things one has to do in order to get the software interfacing correctly when running Windows 7.

Check with Signalink support (online) and RIGblaster support (online). They also have information about running under Windows 7.

By the way, my experimenting shows that a netbook needs at least 2 gig of RAM to be able to run digital modes. Anything less will often cause the computer to freeze up every so often.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "AG0A" <AG0A@...> wrote:
>
> Just loaded both programs on a new Dell Netbook for portable operation. BUT for some reason they will not let me "now" run digital operations under the digital mode setting that I used to be able to run on with an older computer.

30636. Re:FT-897 and Digital Modes On FM

Yahoo group: FT897 (2010)
Date: 2010-07-21 19:45:09 UTC
From: Tom Glaab
Topic: 30623 Message: 30636

> I want to use my FT-897 to do MT63 digital over VHF FM (I'm also doing
> the same with an FT-7800).

I use my SignaLink USB just as I do on HF digital modes. The SignaLink connects to a PC via USB, and the radio via the Data jack in back. On VHF I normally use DOMINOEX-8 on FLDIGI with MULTIPSK as a backup. I can also talk APRS using AGWPE.

I've found that using RIGcat in FLDIGI makes the software confused, so I don't use CAT on VHF-FM (it works great on SSB modes). I've also found that the radio will only respond properly in PKT mode. I've been told that this isn't the "proper" way to do things, but it's the only thing that works for me.

tg.

30637. Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-21 21:09:34 UTC
From: AG0A
Topic: 30632 Message: 30637

I am running Windows XP on the netbook. It does work both programs but only with the 897 in USB mode.

Galen

--- In FT897@yahoogroups.com, "JonP" <jperelst@...> wrote:
>
> You didn't say what operating system you're running on the "new Dell notebook" and that's the key to the problems you're having.
>
> If it's truly a NEW computer, then it's probably running Windows 7. Check in the in the Yahoo Digitalradio group and also check the HRD support forums -- there are some special things one has to do in order to get the software interfacing correctly when running Windows 7.
>
> Check with Signalink support (online) and RIGblaster support (online). They also have information about running under Windows 7.
>
> By the way, my experimenting shows that a netbook needs at least 2 gig of RAM to be able to run digital modes. Anything less will often cause the computer to freeze up every so often.
>
> Jon
> KB1QBZ
>
> --- In FT897@yahoogroups.com, "AG0A" <AG0A@> wrote:
> >
> > Just loaded both programs on a new Dell Netbook for portable operation. BUT for some reason they will not let me "now" run digital operations under the digital mode setting that I used to be able to run on with an older computer.
>

30638. popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 07:33:05 UTC
From: perryc
Topic: 30638 Message: 30638

I was running my 897d on psk31 with ham radio deluxe and dm780 and didn't realize that I was running 100 watts.
thought hears a pop or a crackle and smelled that slight burnt smell for a few seconds.
I stopped transmitting right away and put a big fan on the back of the radio, but the radio seems ok it transmits and receives on all bands, wonder if it was just overheated or if i fried something.
but everything so far works ok
wonder if somthing inside is broken but everything works ok.
mystery.
perry
ke6anm.

30639. Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 10:32:10 UTC
From: Phil Scott
Topic: 30638 Message: 30639

I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.
Phil
N3KDJ

Cell 203-247-4412

30640. Re: popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 10:41:24 UTC
From: Hank
Topic: 30638 Message: 30640

That sound and smell usually indicate that a component has blown. If you open up the rig, you can usually see the blown component (as long as it isn't hidden from plain view). If not, you can smell around the boards with your nose real close to them and find the blown component as the smell will stay with it for a while.

Personally, I would try to identify what blew before I used the rig again.

73,

Hank / KB4MTO

--- In FT897@...m, "perryc" <canoemaneh@...> wrote:
>
> I was running my 897d on psk31 with ham radio deluxe and dm780 and didn't realize that I was running 100 watts.
> thought hears a pop or a crackle and smelled that slight burnt smell for a few seconds.
> I stopped transmitting right away and put a big fan on the back of the radio, but the radio seems ok it transmits and receives on all bands, wonder if it was just overheated or if i fried something.
> but everything so far works ok
> wonder if somthing inside is broken but everything works ok.
> mystery.
> perry
> ke6anm.
>

30641. ct 62 matching up to usb interface

Yahoo group: FT897 (2010)
Date: 2010-07-20 13:11:36 UTC
From: Ken
Topic: 30641 Message: 30641

problem is the ct 62 cable does not like the usb interface lead.from maplins.the computer cant see the 897

30642. Re: [FT897] FT-897D manpack videos and pics

Yahoo group: FT897 (2010)
Date: 2010-07-19 10:37:11 UTC
From: brian love
Topic: 30621 Message: 30642

nice i like the manpack setup i no i love to have a set of the handles for mine
. look nice Diego hope to see more

73's kc9kuh

_____
From: ec1cw <dvp1975@...>
To: FT897@yahoogroups.com
Sent: Mon, July 19, 2010 1:58:03 AM
Subject: [FT897] FT-897D manpack videos and pics

I have recently posted some videos and pictures of my FT-897D manpack. It has
the internal batteries and an FC-40 antenna tuner attached, with a mount for
whip antennas. You can see them here:

http://ec1cw.blogspot.com/search/label/FT-897

Lately I have also been experimenting with solar power.

73 de Diego EC1CW

[Non-text portions of this message have been removed]

30643. Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-22 14:07:57 UTC
From: JonP
Topic: 30632 Message: 30643

How do you connect between the radio and the interface and the rig. What cables specifically and where specifically do you plug them in.

I'll ask a couple of questions that may seem pretty obvious and stupid, but 3/4s of the time, it's something obvious that someone has missed:

One thing that comes to mind is that the USB setting on the rig leaves the mic jack activated whereas the digital setting turns it off. That could imply that you're getting audio interface to the rig instead of wired interface (in other words, it could imply that the rig is picking up output from the computer's speaker and transmitting it that way). Question: when you transmit digital, do you hear the beeps on your computer speaker? That would mean that the signal is not actually going out the USB into the Signalink.

Do you have the rigs set to a proper input gain for the digital jack. Probably difficult to have that wrong on two different rigs, but I do have to ask.

Have you checked all the setups on the computer against the user manual for the interface? For example, did you go through the first time setup of the Signalink so that the computer identifies the Signalink and installs the driver software? Have you set up the Control Panel|Sounds correctly based on the Signalink instructions? What settings do you have in DM780 for: (a) COM, (b) transmit soundcard (can't remember offhand what it's called in DM780, but it's where you tell it to use the Audio Codec on the USB port), and (c) for receive source (same thing -- where you tell it to use the Audio Codec on the USB port).

Essentially same questions regarding the RIGblaster. Did you install the driver software for the RIGblaster and configure sound settings correctly? Did you set up DM780 correctly for the RIGblaster? There are a couple of things that must be set totally differently for the RIGblaster versus the Signalink.

You might even want to use Control Panel|Add or Remove Programs and remove any drivers that you see set up for the RIGblaster and reinstall. I don't think that there is a Signalink driver that shows, so I'm not sure how one might remove the driver for that.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "AG0A" <AG0A@...> wrote:
>
> I am running Windows XP on the netbook. It does work both programs but only with the 897 in USB mode.
>
> Galen
>
> --- In FT897@yahoogroups.com, "JonP" <jperelst@> wrote:
> >
> > You didn't say what operating system you're running on the "new Dell notebook" and that's the key to the problems you're having.

> >
> > If it's truly a NEW computer, then it's probably running Windows 7. Check in the in the Yahoo Digitalradio group and also check the HRD support forums -- there are some special things one has to do in order to get the software interfacing correctly when running Windows 7.
> >
> > Check with Signalink support (online) and RIGblaster support (online). They also have information about running under Windows 7.
> >
> > By the way, my experimenting shows that a netbook needs at least 2 gig of RAM to be able to run digital modes. Anything less will often cause the computer to freeze up every so often.
> >
> > Jon
> > KB1QBZ
> >
> > --- In FT897@yahoogroups.com, "AG0A" <AG0A@> wrote:
> > >
> > > Just loaded both programs on a new Dell Netbook for portable operation. BUT for some reason they will not let me "now" run digital operations under the digital mode setting that I used to be able to run on with an older computer.
> >
>

30644. Re: [FT897] Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 16:20:21 UTC
From: KB1TCD
Topic: 30638 Message: 30644

Right, when using a sound card interface; I use the Signalink, you're supposed to leave the rig at 100W and keep the ALC at a min. using the Signalink. I use the 897 primarily for digital, only using it for voice when we go portable...

73 de Jose Douglas - KB1TCD

From: Phil Scott <pwscott@...>
To: FT897@yahoogroups.com
Sent: Thu, July 22, 2010 6:32:10 AM
Subject: [FT897] Re:popping noise smell of smoke.

I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.

Phil
N3KDJ

Cell 203-247-4412

[Non-text portions of this message have been removed]

30645. hrd freq = 0

Yahoo group: FT897 (2010)
Date: 2010-07-22 17:10:22 UTC
From: neeba
Topic: 30645 Message: 30645

Help!! I had hrd installed on my old computer and it worked fine. I hooked it up to my new computer and get freq = 0. I have tried two different cat cables and different version of hrd and still nothing the cables are rs-232 style and the computer says the hardware is fine The cat port is set to 9600 baud and function is set to cat. yaesu said to try it on the old computer but I had already deleted hrd and upon reinstall it wouldn't work either I tried another radio and it wont work either it's frustrating. I tried auto detect on com ports and auto detect on baud rate any suggestions please don't hesitate to E-mail thanks, steve n8sms

30646. Re: [FT897] hrd freq = 0

Yahoo group: FT897 (2010)
Date: 2010-07-22 17:40:15 UTC
From: Alan E. Lutz
Topic: 30645 Message: 30646

Do you have HRD set to look for the correct COM port?

Alan

----- Original Message -----
From: "neeba" <swipe123@...>
To: FT897@yahoogroups.com
Sent: Thursday, July 22, 2010 1:10:22 PM
Subject: [FT897] hrd freq = 0

Help!! I had hrd installed on my old computer and it worked fine. I hooked it up to my new computer and get freq = 0. I have tried two different cat cables and different version of hrd and still nothing the cables are rs-232 style and the computer says the hardware is fine The cat port is set to 9600 baud and function is set to cat. yaesu said to try it on the old computer but I had already deleted hrd and upon reinstall it wouldn't work either I tried another radio and it wont work either it's frustrating. I tried auto detect on com ports and auto detect on baud rate any suggestions please don't hesitate to E-mail thanks, steve n8sms

[Non-text portions of this message have been removed]

30647. Re: popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 18:16:13 UTC
From: fred
Topic: 30638 Message: 30647

--- In FT897@yahoogroups.com, "perryc" <canoemaneh@...> wrote:
>
> I was running my 897d on psk31 with ham radio deluxe and dm780 and didn't realize that I was running 100 watts.
> thought hears a pop or a crackle and smelled that slight burnt smell for a few seconds.
> I stopped transmitting right away and put a big fan on the back of the radio, but the radio seems ok it transmits and receives on all bands, wonder if it was just overheated or if i fried something.
> but everything so far works ok
> wonder if somthing inside is broken but everything works ok.
> mystery.
> perry
> ke6anm.
>
I have not operated psk31 but I can tell you that this mode runs at 100% duty cycle and with the radio set to its max. output of 100W, you are going to see SMOKE! I think you are suppose to run no more than 25% transmit power of your rigs max. output power.
Fred
k6kub

30648. Re: [FT897] Re: popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-22 18:27:35 UTC
From: dug b
Topic: 30638 Message: 30648

I think that the idea is that with an ssb signal you can control the power level either by:
1. lowering the power and using a full audio level
2. by setting the rf at 100 watts and the audio level at a low enough setting that your rig is only putting out around 25 watts

The argument seems to be that if you lower the power level some rigs do not generate a clean signal.

Doug/ KC4RSL

From: fred <geminifred@...>
To: FT897@yahoogroups.com
Sent: Thu, July 22, 2010 2:16:13 PM
Subject: [FT897] Re: popping noise smell of smoke.

--- In FT897@yahoogroups.com, "perryc" <canoemaneh@...> wrote:
>
> I was running my 897d on psk31 with ham radio deluxe and dm780 and didn't
>realize that I was running 100 watts.
> thought hears a pop or a crackle and smelled that slight burnt smell for a
>few seconds.
> I stopped transmitting right away and put a big fan on the back of the radio,
>but the radio seems ok it transmits and receives on all bands, wonder if it was
>just overheated or if i fried something.
> but everything so far works ok
> wonder if somthing inside is broken but everything works ok.
> mystery.
> perry
> ke6anm.
>
I have not operated psk31 but I can tell you that this mode runs at 100% duty cycle and with the radio set to its max. output of 100W, you are going to see SMOKE! I think you are suppose to run no more than 25% transmit power of your rigs max. output power.
Fred
k6kub

[Non-text portions of this message have been removed]

30649. Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-22 21:23:58 UTC
From: Tom Glaab
Topic: 30632 Message: 30649

> By the way, my experimenting shows that a netbook needs at least 2 gig
> of RAM to be able to run digital modes. Anything less will often cause
> the computer to freeze up every so often.

My Acer Aspire 1 running WinXP has 1GB of RAM and I haven't had memory issues yet. I did have apparent RFI issues on Field Day, but I haven't seen any other problems. Do you have to run for a very long time before seeing issues?

tg.

30650. Re: [FT897] Re: MixW and DM7800

Yahoo group: FT897 (2010)
Date: 2010-07-23 00:09:51 UTC
From: Damien Gardner Jnr
Topic: 30632 Message: 30650

On 23/07/2010, at 7:23 AM, Tom Glaab wrote:

>
>> By the way, my experimenting shows that a netbook needs at least 2 gig
>> of RAM to be able to run digital modes. Anything less will often cause
>> the computer to freeze up every so often.
>
> My Acer Aspire 1 running WinXP has 1GB of RAM and I haven't had memory
> issues yet. I did have apparent RFI issues on Field Day, but I haven't
> seen any other problems. Do you have to run for a very long time before
> seeing issues?
>
grin XP on 1GB of ram? Oh, you have problems, you just don't realise they're there ;)
Seriously, shove another gig in, and sit in awe at the fairly substantial difference ;)
(Open Task Manager, and watch your memory usage.. XP on a 'normal' boot once it's loaded your virus scanner, skype, echolink, etc, is using 700-800mb of ram - doesn't leave much for HDD caching..)

Or upgrade to an SSD drive, no real need for caching HDD data in ram then.. I'm continually amazed how my Toughbook (1.2ghz Atom, 1.2gb ram, 64gb SSD) just totally and completely blows my garage PC (Core2Quad 2.67Ghz, 8Gb ram, 7200rpm 16mb cache SATAII drive) out of the water! Under a second to start MSWord :) And compared to my XYLs eeepc? well, even after taking that up to 4gb of ram, it still takes ~10 seconds to start MSWord... Think an SSD upgrade will be on the books fairly soon..

Although TBH, I'd actually attribute small notebook and netbook issues on digital modes to lack of CPU.. DM780 is quite painful when switching between modes on my little toughbook.. (or maybe it does normally take a second or two on 'normal' hardware, and I'm just spoilt by the quad-core CPU in the garage?)

--DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

30651. RE: [FT897] Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-07-23 00:37:41 UTC
From: Mike Ernst
Topic: 30062 Message: 30651

Geert,

I am not sure which file is yours. Please clarify.

73,

Mike, AE8U

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Geert Jan de Groot
Sent: Tuesday, July 20, 2010 5:28 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: LDG AT-897 versus the 'plus'

> The requirement to change to AM and power down to tune the 897 is
> truly a pain.

Sorry for playing my own harp but in the files section you'll
find a mod (mine) that automatically switches the rig to batt mode
(reducing power to 20W max) when you pull the TXreq line
on the 3.5mm AUX plug, which is what the AT897 (non-plus) does.

Push the AT897 button, the radio reduces power, gives carrier,
the tuner tunes and everything switches back automagically.

For the plus, you don't need this.

Geert Jan

[Non-text portions of this message have been removed]

30652. Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-23 08:52:34 UTC
From: cohennessy
Topic: 30652 Message: 30652

Turned on today and the mic, key & the two mode & two band buttons not working. Fiddled a bit but no luck. Did factory default re-set.
Now only 7Mhz ssb on one memory and 29Mhz fm on another.
Unable to change band or mode. TX not operating ? Rx ok and tuner ok.
A-B-C buttons ok. v/m-home-dsp buttons ok.
Any Ideas ?

30653. Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-23 09:47:54 UTC
From: j.a.
Topic: 30638 Message: 30653

HAM-tranceivers, like the FT897, are not build to operate 100 Watts during a long period, like transmitting 100 Watts by PSK.
The final-unit is becoming to hot.
Like during transmitting SSB and CW the period is shorter and the final-unit will become not to hot and will become cool by the blower.
Long transmissions, like PSK and RTTY, is better to run with a power less than 40 Watts.
Also the problem with transmitting high power, will disturb receiving signals by stations in the neighbourhood.
PSK is just made to transmit wit a low power!
Jaap PA7DA

--- In FT897@yahoogroups.com, "Phil Scott" <pwscott@...> wrote:
>
> I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.
> Phil
> N3KDJ
>
>
> Cell 203-247-4412
>

30654. Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-22 15:54:11 UTC
From: cergender
Topic: 30654 Message: 30654

Hi there,

Not very seldom when I am calling CQ in psk-mode, the other guy says my signal is strong but he cannot decode it. And I do not know why. All my settings should be OK. It looks like in those periods I cannot see my signal in pskreporter.info either. Then other times I can work long time making lots of QSO:s
The set up is: WinXPPro, HRD/DM780, FT-897, SignaLink USB. I must admit my antenna is not very efficient; a mobile whip. However I get very often congrats on my excllent antenna performance. How is it possible that even if my signal is strong, it is uncopiable?
Could it be just general conditions with QSB/QRN etc or do I have something wrong somewhere (for a long time apparently, hi)
Useful hints appreciated.

Ben

30655. Re: [FT897] Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-23 10:39:07 UTC
From: dave Ortiz
Topic: 30652 Message: 30655

try to reset your radio with the reset button, but it will go back to factory settings

---
From: cohennessy <cohennessy@...>
To: FT897@yahoogroups.com
Sent: Fri, July 23, 2010 4:52:34 AM
Subject: [FT897] Help ! 897 will RX only.

Turned on today and the mic, key & the two mode & two band buttons not working.
Fiddled a bit but no luck. Did factory default re-set.
Now only 7Mhz ssb on one memory and 29Mhz fm on another.
Unable to change band or mode. TX not operating ? Rx ok and tuner ok.
A-B-C buttons ok. v/m-home-dsp buttons ok.
Any Ideas ?

[Non-text portions of this message have been removed]

30656. Re: Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-23 13:23:04 UTC
From: cohennessy
Topic: 30652 Message: 30656

I have done that already and result was only two freq on v/m button. 29mhz fm and 7mhz ssb. Tried factory default re-set. = No change !

--- In FT897@yahoogroups.com, dave Ortiz <kj4acs@...> wrote:
>
> try to reset your radio with the reset button, but it will go back to factory
> settings
>
>
>
>
> _____
> From: cohennessy <cohennessy@...>
> To: FT897@yahoogroups.com
> Sent: Fri, July 23, 2010 4:52:34 AM
> Subject: [FT897] Help ! 897 will RX only.
>
> Â
> Turned on today and the mic, key & the two mode & two band buttons not working.
> Fiddled a bit but no luck. Did factory default re-set.
> Now only 7Mhz ssb on one memory and 29Mhz fm on another.
> Unable to change band or mode. TX not operating ? Rx ok and tuner ok.
> A-B-C buttons ok. v/m-home-dsp buttons ok.
> Any Ideas ?
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30657. Re: [FT897] Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-23 14:37:41 UTC
From: Danny Loyd
Topic: 30654 Message: 30657

Ben,

From your description, it just sounds like plain old bad props. I have the same problem also, can be going along with 599 signals and all of a sudden the props will change and they are unable to copy the last thing I just sent. Just chaulk it up to Mother Nature.

Danny
KE5WDI

From: cergender <cergender@...>
To: FT897@yahoogroups.com
Sent: Thu, July 22, 2010 10:54:11 AM
Subject: [FT897] Decoding problem with my PSK signal

Hi there,

Not very seldom when I am calling CQ in psk-mode, the other guy says my signal is strong but he cannot decode it. And I do not know why. All my settings should be OK. It looks like in those periods I cannot see my signal in pskreporter.info either. Then other times I can work long time making lots of QSO:s
The set up is: WinXPPro, HRD/DM780, FT-897, SignaLink USB. I must admit my antenna is not very efficient; a mobile whip. However I get very often congrats on my excllent antenna performance. How is it possible that even if my signal is strong, it is uncopiable?
Could it be just general conditions with QSB/QRN etc or do I have something wrong somewhere (for a long time apparently, hi)
Useful hints appreciated.

Ben

[Non-text portions of this message have been removed]

30658. Re: Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-23 15:48:19 UTC
From: cergender
Topic: 30654 Message: 30658

Danny,

1)
The bad props could be the the reason in most of the cases. But just wondering when my signal is supposed to be strong but it cannot be decoded. What else could it be?

2)
Just recently lots of discussion about the required rf power. One opinion is to use 100w and reduce it to abt 20 - 30w by soundcard settings. (I am not sure if the radio is after that still pushing all 100w to somewhere and running redhot?)

3)
The other idea is to never use the full radio output power in digi modes because of continuous duty-transmissions etc. and set it originally to that 20 - 30 watts?

4)
Somebody suggested that if you are not using the full rf-power,
your radio is not generating a clean signal.

5)
Are these things different in various radios. I am using Yaesu FT-897/SignaLink and IC-7200/USB-cable.

Lots of questions and contradictiory opinions in the air. I hope somebody could say the final truth.
If there is anything like that?

Ben

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Ben,
>
> From your description, it just sounds like plain old bad props. I have the same
> problem also, can be going along with 599 signals and all of a sudden the props
> will change and they are unable to copy the last thing I just sent. Just chaulk
> it up to Mother Nature.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: cergender <cergender@...>
> To: FT897@yahoogroups.com

> Sent: Thu, July 22, 2010 10:54:11 AM
> Subject: [FT897] Decoding problem with my PSK signal
>
> Â
> Hi there,
>
> Not very seldom when I am calling CQ in psk-mode, the other guy says my signal
> is strong but he cannot decode it. And I do not know why. All my settings should
> be OK. It looks like in those periods I cannot see my signal in pskreporter.info
> either. Then other times I can work long time making lots of QSO:s
> The set up is: WinXPPro, HRD/DM780, FT-897, SignaLink USB. I must admit my
> antenna is not very efficient; a mobile whip. However I get very often congrats
> on my excllent antenna performance. How is it possible that even if my signal is
> strong, it is uncopiable?
> Could it be just general conditions with QSB/QRN etc or do I have something
> wrong somewhere (for a long time apparently, hi)
> Useful hints appreciated.
>
> Ben
>
>
>
>
> [Non-text portions of this message have been removed]
>

30659. Re: Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-23 17:16:42 UTC
From: W1AEX
Topic: 30652 Message: 30659

Check to see if anything that is plugged into the back of the 897 is only partially inserted. My rig has exhibited the behavior you described many times after I pulled the rig forward and inadvertently pulled the CW key's plug partially out. If the rig is turned on with the CW key closed, it will come up in a somewhat disabled "safe mode".

--- In FT897@yahoogroups.com, "cohennessy" <cohennessy@...> wrote:
>
> Turned on today and the mic, key & the two mode & two band buttons not working. Fiddled a bit but no luck. Did factory default re-set.
> Now only 7Mhz ssb on one memory and 29Mhz fm on another.
> Unable to change band or mode. TX not operating ? Rx ok and tuner ok.
> A-B-C buttons ok. v/m-home-dsp buttons ok.
> Any Ideas ?
>

30660. Re: [FT897] Re: Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-23 19:09:56 UTC
From: Danny Loyd
Topic: 30654 Message: 30660

Ben,

I run the FT-897D with Signalink USB with Digipan software and never run the radio above 40 Watts and have had 599 signal reports with good data copy on most contacts. I do notice that when the person I am talking to says my data is garble, theirs is also. Have always chaulked it up to the props even though I still have a good sounding signal on the radio, it just drops down in volume. The thing about Amateur Radio is there is no set truth when it comes to operating on any mode.

Take last night for instance, I had 59 signal with North Sardina Island on 20 meter SSB on 100 watts but couldn't get a station in Portugal to hear me at all. Didn't change a thing. Just did work. Approximately five minutes apart from good contact and no contact.

Danny
KE5WDI

From: cergender <cergender@...>
To: FT897@yahoogroups.com
Sent: Fri, July 23, 2010 10:48:19 AM
Subject: [FT897] Re: Decoding problem with my PSK signal

Danny,

1)
The bad props could be the the reason in most of the cases. But just wondering when my signal is supposed to be strong but it cannot be decoded. What else could it be?

2)
Just recently lots of discussion about the required rf power. One opinion is to use 100w and reduce it to abt 20 - 30w by soundcard settings. (I am not sure if the radio is after that still pushing all 100w to somewhere and running redhot?)

3)
The other idea is to never use the full radio output power in digi modes because of continuous duty-transmissions etc. and set it originally to that 20 - 30 watts?

4)
Somebody suggested that if you are not using the full rf-power,
your radio is not generating a clean signal.

5)
Are these things different in various radios. I am using Yaesu FT-897/SignaLink

and IC-7200/USB-cable.

Lots of questions and contradictiory opinions in the air. I hope somebody could say the final truth.
If there is anything like that?

Ben

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Ben,
>
> From your description, it just sounds like plain old bad props. I have the same
>
> problem also, can be going along with 599 signals and all of a sudden the props
>
> will change and they are unable to copy the last thing I just sent. Just chaulk
>
> it up to Mother Nature.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: cergender <cergender@...>
> To: FT897@yahoogroups.com
> Sent: Thu, July 22, 2010 10:54:11 AM
> Subject: [FT897] Decoding problem with my PSK signal
>
> Â
> Hi there,
>
> Not very seldom when I am calling CQ in psk-mode, the other guy says my signal

> is strong but he cannot decode it. And I do not know why. All my settings
>should
>
> be OK. It looks like in those periods I cannot see my signal in
>pskreporter.info
>
> either. Then other times I can work long time making lots of QSO:s
> The set up is: WinXPPro, HRD/DM780, FT-897, SignaLink USB. I must admit my
> antenna is not very efficient; a mobile whip. However I get very often congrats
>
> on my excllent antenna performance. How is it possible that even if my signal
>is
>
> strong, it is uncopiable?

> Could it be just general conditions with QSB/QRN etc or do I have something
> wrong somewhere (for a long time apparently, hi)
> Useful hints appreciated.
>
> Ben
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30661. Re: Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-24 08:16:30 UTC
From: cohennessy
Topic: 30652 Message: 30661

W1AEX.
MANY THANKS = Cured !
None of the plugs felt loose but gave each and all a wiggle and Hey Presto All working.

Many many thanks de GM4VVX
.....
--- In FT897@yahoogroups.com, "W1AEX" <w1aex.fn31@...> wrote:
>
> Check to see if anything that is plugged into the back of the 897 is only partially inserted. My rig has exhibited the behavior you described many times after I pulled the rig forward and inadvertently pulled the CW key's plug partially out. If the rig is turned on with the CW key closed, it will come up in a somewhat disabled "safe mode".
>
> --- In FT897@yahoogroups.com, "cohennessy" <cohennessy@> wrote:
> >
> > Turned on today and the mic, key & the two mode & two band buttons not working. Fiddled a bit but no luck. Did factory default re-set.
> > Now only 7Mhz ssb on one memory and 29Mhz fm on another.
> > Unable to change band or mode. TX not operating ? Rx ok and tuner ok.
> > A-B-C buttons ok. v/m-home-dsp buttons ok.
> > Any Ideas ?
> >
>

30662. Re: Help ! 897 will RX only.

Yahoo group: FT897 (2010)
Date: 2010-07-24 13:28:32 UTC
From: W1AEX
Topic: 30652 Message: 30662

Glad to help out! It actually is a good feature to prevent accidental tx on power up, but it catches a lot of 857/897 operators by surprise the first time it happens.

73 W1AEX

--- In FT897@yahoogroups.com, "cohennessy" <cohennessy@...> wrote:
>
> W1AEX.
> MANY THANKS = Cured !
> None of the plugs felt loose but gave each and all a wiggle and Hey Presto All working.
>
> Many many thanks de GM4VVX
> ....

30663. Re: Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-24 15:47:19 UTC
From: JonP
Topic: 30654 Message: 30663

The recommended PSK approach for most radios, including the FT-897, is to set the power high and then adjust the soundcard so that the rig is running at about 25 or 30 watts (or 40 watts if you want, but that's a bit much for PSK). It will keep the ALC at or below about 1 bar. You want the ALC at or below 1 bar, otherwise your signal will be distorted AND you will create QRM for others on the band (you can sometimes see that when you see a signal on the waterfall with what appear to be echoes both left and right of the main signal.

There are a few radios, such as the Elecraft K2, where the proper approach is to set the radio for the desired output power. That has to do with how and where the audio is injected into the RF stream.

There are many reasons for garbled reception. One of the most common is the transmitter overdriving the ALC. In addition, there can be multiple pathing issues on long-path (i.e., DX) transmissions. Probably the most common is simply a very strong signal near your signal. Most rigs have their DSP in the audio stages. That means that a strong signal -- even if it's 1 or 2KHz away, will overload the IF (especially with AGC engaged, but even without it), thus causing all but the strong signal to become garbled. For PSK, it's best if the receiver has DSP in the IF stage and/or mechanical filters.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "cergender" <cergender@...> wrote:

> Not very seldom when I am calling CQ in psk-mode, the other guy says my signal is strong but he cannot decode it.

30664. Rigblaster Plug & Play and CW

Yahoo group: FT897 (2010)
Date: 2010-07-24 16:39:03 UTC
From: Jeff
Topic: 30664 Message: 30664

Hello All,

I was wondering if anyone on the group used cw with the plug and play interface with the 897 my main question is does the data jack allow cw transmit or do you have to use the breakin feature with the radio im using HRD any help would be great?
jeff kd4qit

30665. FT897D No receive on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-25 02:32:46 UTC
From: pjseraf
Topic: 30665 Message: 30665

My FT897D has no FM receive on any band. I first noticed it on 2 meters. I have the RF/squelch open and it's not tone squelched. The FM TX works fine but no FM receive on any band. This problem applies to the RX packet mode too. All the other modes seem to work fine. I have tried a cpu master reset and problem is still there. I was wondering if anyone on the group has any ideas. Any suggestions would be appreciated. I suspect a hardware problem..

tnx
Phil- K3FOD

30666. Re: FT897D No receive on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-25 14:18:51 UTC
From: john_kb0ne
Topic: 30665 Message: 30666

Hi Phil,

I seem to be in the early stages of the same problem with my 8797D.
The 2 Meter RX is intermittently weak. I give the mic PTT a quick tap and that restores the RX. I have noticed this on 2m FM and SSB (Actually the only 2 modes I work on 2m). So far the 450 band hasn't had any problems.

From looking at the diagram and cogitating how the problem manifests itself, it's a lot like a dirty mechanical relay switching the antenna back to RX after transmitting.... In this case I'm thinking one or more of the switchover diodes that isolate the RX front end from the transmitter during TX may be going bad.

With all the other projects I have going on this problem hasn't been bad enough for me to take the 897 apart and figure it out properly.

Just some musings from me.

John KB0NE

--- In FT897@yahoogroups.com, "pjseraf" <GrayFox17@...> wrote:
>
> My FT897D has no FM receive on any band. I first noticed it on 2 meters. I have the RF/squelch open and it's not tone squelched. The FM TX works fine but no FM receive on any band. This problem applies to the RX packet mode too. All the other modes seem to work fine. I have tried a cpu master reset and problem is still there. I was wondering if anyone on the group has any ideas. Any suggestions would be appreciated. I suspect a hardware problem..
>
> tnx
> Phil- K3FOD
>

30667. Re: [FT897] Re: FT897D No receive on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-25 17:32:04 UTC
From: Phil
Topic: 30665 Message: 30667

John,

Thanks for the info I'll take a second look at it. I too have too many projects going on and don't need another one. I just had the FT897D repaired by Vertex earlier this year. It had the bad ceramic filter problem which caused a a very high noise level on all bands even with no antenna connected. Vertex fixed that problem.

I also have the FT-450 and have had no problem with that rig so far.

73,
Phil
K3FOD

On Sun, Jul 25, 2010 at 10:18 AM, john_kb0ne <wa0lhb@...> wrote:

>
>
> Hi Phil,
>
> I seem to be in the early stages of the same problem with my 8797D.
> The 2 Meter RX is intermittently weak. I give the mic PTT a quick tap and
> that restores the RX. I have noticed this on 2m FM and SSB (Actually the
> only 2 modes I work on 2m). So far the 450 band hasn't had any problems.
>
> From looking at the diagram and cogitating how the problem manifests
> itself, it's a lot like a dirty mechanical relay switching the antenna back
> to RX after transmitting.... In this case I'm thinking one or more of the
> switchover diodes that isolate the RX front end from the transmitter during
> TX may be going bad.
>
> With all the other projects I have going on this problem hasn't been bad
> enough for me to take the 897 apart and figure it out properly.
>
> Just some musings from me.
>
> John KB0NE
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pjseraf"
> <GrayFox17@...> wrote:
> >
> > My FT897D has no FM receive on any band. I first noticed it on 2 meters.
> I have the RF/squelch open and it's not tone squelched. The FM TX works fine
> but no FM receive on any band. This problem applies to the RX packet mode
> too. All the other modes seem to work fine. I have tried a cpu master reset

> and problem is still there. I was wondering if anyone on the group has any
> ideas. Any suggestions would be appreciated. I suspect a hardware problem..
> >
> > tnx
> > Phil- K3FOD
> >
>
>
>

[Non-text portions of this message have been removed]

30668. Cleaning out the shack

Yahoo group: FT897 (2010)
Date: 2010-07-26 01:46:57 UTC
From: Steve
Topic: 30668 Message: 30668

Hello group

I am cleaning out my shack which includes and older 897. Please contact me off group for details.

73's

Steve/KC8LQV

30669. Transmit Mode Stays Keyed .....Won't disengage.

Yahoo group: FT897 (2010)
Date: 2010-07-26 02:40:38 UTC
From: stereoimage73
Topic: 30669 Message: 30669

Hello:

Every so often when attempting to tune with a AT 200pro (or in FM mode) my unit stays in transmit and will not "un" tranmit. The power meter stays pegged at 100 watts and often the only recourse is to power down the unit and then all is well....

Anyone else ever see this?

Thanks for any assistance or advice.

Regards
Mark
KD8OLI

30670. Need help with receiver noise!

Yahoo group: FT897 (2010)
Date: 2010-07-26 02:46:37 UTC
From: Vince
Topic: 30670 Message: 30670

Hi guys, what is the best basic setting to cancel out background noise or receiver noise. I know that everyone has to set up their radio for their own ears but I just need a starting point and a better understanding of how to get the noise down.

30671. Re: [FT897] Transmit Mode Stays Keyed .....Won't disengage.

Yahoo group: FT897 (2010)
Date: 2010-07-26 07:58:15 UTC
From: Dennis
Topic: 30669 Message: 30671

Sounds like an RF issue. Try minimizing RF into the shack and see if this solves the problem.

Dennis - N8BMB

30672. Re: [FT897] Transmit Mode Stays Keyed .....Won't disengage.

Yahoo group: FT897 (2010)
Date: 2010-07-26 08:05:50 UTC
From: Patrick
Topic: 30669 Message: 30672

RFI

On Sun, Jul 25, 2010 at 10:40 PM, stereoimage73 <stereoimage73@yahoo.com>wrote:

>
>
> Hello:
>
> Every so often when attempting to tune with a AT 200pro (or in FM mode) my
> unit stays in transmit and will not "un" tranmit. The power meter stays
> pegged at 100 watts and often the only recourse is to power down the unit
> and then all is well....
>
> Anyone else ever see this?
>
> Thanks for any assistance or advice.
>
> Regards
> Mark
> KD8OLI
>
>
>

[Non-text portions of this message have been removed]

30673. Re: [FT897] Transmit Mode Stays Keyed .....Won't disengage.

Yahoo group: FT897 (2010)
Date: 2010-07-26 08:33:10 UTC
From: Damien Gardner Jnr
Topic: 30669 Message: 30673

On 26/07/2010, at 12:40 PM, stereoimage73 wrote:
> Hello:
>
> Every so often when attempting to tune with a AT 200pro (or in FM mode) my unit stays in transmit and will not "un" tranmit. The power meter stays pegged at 100 watts and often the only recourse is to power down the unit and then all is well....

Don't tune at 100W? ;)

--DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

30674. Power extension UHF

Yahoo group: FT897 (2010)
Date: 2010-07-26 16:25:25 UTC
From: klokkenman
Topic: 30674 Message: 30674

I am wandering if it will damage my FT-897D if I run it at 40 Watt RF in UHF.
In the hidden menu it seems to be possible to boost up the rig a bit, and double the RF power on UHF
A Yaesu FT-7800 can transmit at this power in UHF, and it is just like the 897 limited at 50 watt on VHF.
Because of the surrounding buildings, I can sometimes uses a little bit more RF.
Maybe this will do the trick.

30675. Re: Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-26 18:18:47 UTC
From: faygopaygo
Topic: 30654 Message: 30675

Hi all,

In reading this post it brings to mind a question/problem I have with my 897/non D PSK setup. I try to set it up as suggested in previous posts ie. usb mode, full rf power on the radio, etc. It works, but I can never get my ALC below 2 bars and all posts say this is a no-no. Taking 2 bars as my lowest possible ALC reading (I figured maybe my meter is misaligned) I can never get over 15-20 watts out before the ALC jumps up over 4 bars. I use a Signalink USB interface, running DM870. There is an jumper option on the interface to increase audio out for certain radios could this be my problem/solution, as I have it at the low setting now. Any thoughts would be appreciated.

PS - This occurs with different antennas in different QTH's so I don't think it's a stray RF problem.

Randy
KG6WCA

--- In FT897@yahoogroups.com, "JonP" <jperelst@...> wrote:
>
> The recommended PSK approach for most radios, including the FT-897, is to set the power high and then adjust the soundcard so that the rig is running at about 25 or 30 watts (or 40 watts if you want, but that's a bit much for PSK). It will keep the ALC at or below about 1 bar. You want the ALC at or below 1 bar, otherwise your signal will be distorted AND you will create QRM for others on the band (you can sometimes see that when you see a signal on the waterfall with what appear to be echoes both left and right of the main signal.
>
> There are a few radios, such as the Elecraft K2, where the proper approach is to set the radio for the desired output power. That has to do with how and where the audio is injected into the RF stream.
>
> There are many reasons for garbled reception. One of the most common is the transmitter overdriving the ALC. In addition, there can be multiple pathing issues on long-path (i.e., DX) transmissions. Probably the most common is simply a very strong signal near your signal. Most rigs have their DSP in the audio stages. That means that a strong signal -- even if it's 1 or 2KHz away, will overload the IF (especially with AGC engaged, but even without it), thus causing all but the strong signal to become garbled. For PSK, it's best if the receiver has DSP in the IF stage and/or mechanical filters.
>
> Jon
> KB1QBZ
>
> --- In FT897@yahoogroups.com, "cergender" <cergender@> wrote:
>
> > Not very seldom when I am calling CQ in psk-mode, the other guy says my signal is strong but he cannot decode it.

>

30676. Re: Need help with receiver noise!

Yahoo group: FT897 (2010)
Date: 2010-07-26 18:34:52 UTC
From: Clark
Topic: 30670 Message: 30676

The way I deal with background noise is to ride the RF gain control. I set the RF gain down to the point that I can hear the signal I want to hear clearly. When the station signs it over, there is little noise in the RX because the gain control is set to the signal strength of the guy's own signal.

I don't find the DSP noise reduction useful myself (none of them, not even the "good" ones) because of audio artifacts and the decrease in the higher frequency audio components. I find that my ears are better at determining the signal from the noise than a DSP filter (so far, I'm waiting for the next generation!)

YOU might find that a speaker that cuts off the high frequencies helps or that the DSP NR helps if your ears do not like that high pitched stuff. It is less piercing and fatiguing.

Clark
WA3JPG

30677. Re: Power extension UHF

Yahoo group: FT897 (2010)
Date: 2010-07-26 18:31:04 UTC
From: Clark
Topic: 30674 Message: 30677

I would think long and hard about risking the finals by double the power. You only get 3 db for that, it is really a very small increase in signal. It is really easy to get 3 db with an antenna and leave the finals alone. If you are surrounded by large buildings, try a higher antenna or lose the 5/8 wave with low angle and get a 1/4 wave vertical that could easily boost your signal strength out of the hole (it has worked for me very well in cities with my mobile, the smaller antenna wins!)

Then there are small beams, which for 440, are really small and light. You can boost your ERP power lots more than 3 db and you get reduced interference on the sides and from the back.

Just my 2 cents.

Clark
WA3JPG

30678. Re: [FT897] Re: Power extension UHF

Yahoo group: FT897 (2010)
Date: 2010-07-27 02:19:06 UTC
From: Damien Gardner Jnr
Topic: 30674 Message: 30678

On 27/07/2010, at 4:31 AM, Clark wrote:

> I would think long and hard about risking the finals by double the power. You only get 3 db for that, it is really a very small increase in signal. It is really easy to get 3 db with an antenna and leave the finals alone. If you are surrounded by large buildings, try a higher antenna or lose the 5/8 wave with low angle and get a 1/4 wave vertical that could easily boost your signal strength out of the hole (it has worked for me very well in cities with my mobile, the smaller antenna wins!)
>
> Then there are small beams, which for 440, are really small and light. You can boost your ERP power lots more than 3 db and you get reduced interference on the sides and from the back.

Yeah, i wouldn't want to risk a $1400 rig for a 20W power increase.. I'd rather spend a couple of hundred bucks and shove an amp in there.. - I have a nice little asian-sourced VHF amp (mine is the little brother of http://cgi.ebay.com.au/2m-Band-85-Watt-Power-Amplifier-PV-85R-HIGH-POWER-/120383190524.. - they also have UHF ones, though i can't find one at the moment.) which takes the 5W out of my D7 H/T and pumps out a nice 50W on VHF, which lives in the wife's car since I finally got around to fitting 'proper' gear into my car :) Of if you're not mobile, I'd just build a nice high-gain antenna.. a coaxial colinear is trivial to build, and gives some very decent gain with enough elements :) (or hell, even if you're mobile ;) - I remember my first car when i got my license had a 1.5m PVC pipe sticking up off the roof with a coaxial colinear inside giving me 8dB gain ;))

There's obviously a reason why Yaesu decided to only put 20W out on UHF rather than something more useful - I'd without doing a lot of testing and reading of the CCT diagram, i'd be hesitant to play with the power settings too much..

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

30679. Re: FT897D No receive on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-26 09:53:25 UTC
From: Don Taylor
Topic: 30665 Message: 30679

Phil, there are two FM Detector IC in the radio one is for Wide Band (Q1058) and the other (1080) for Narrow Band. The WB is for the FM BC Band the narrow is for the HAM Bands.

Does the WB work ?

Does the NB have any of the normal FM noise when the Squelch is open ?

If WB works and NB noise is normal most of the RX is O.K.

If the NB noise is not normal or missing we usually find that the IC (Q1080) is bad. The Chip is a 16 SMD. Also there are a couple of OpAmps and an electronic switch that the signal must pass thru. Further there are several Select Control Signals and Switched Voltages that have to be right to get the NB FM on line.

Suggest you get some very Professional Help.

55 es 73

DJØKM / K9SFN

Don

dj0km@...

[Non-text portions of this message have been removed]

30680. Re: Need help with receiver noise!

Yahoo group: FT897 (2010)
Date: 2010-07-26 14:01:18 UTC
From: john_kb0ne
Topic: 30670 Message: 30680

Hi,
In the manual, on page 26 it talks about the DSP. While noise can't be eliminated it can be minimized....
Check out (Multi Function Row "p" [DNR, DNF, DBF])

To that end, for SSB, I have my audio bandpass (DBF) usually set to 2400 hz ([DSP LPF CUTOFF]) and the low end ([DSP HPF CUTOFF]) set to 500 hz. This cuts off a lot of high end hiss that the detector and early audio chain has and also the low cutoff makes overtly bassy stations more readable. To tweak in the best sound use the IF shift function to center the audio bandpass.

For FM operation the 500 hz low cutoff is good to eliminate transmitted PL tones... you may want to adjust the high end to 3 KHZ for a little crisper audio.

Using the IPO and DNR functions also help but I have heard the best improvement mainly in adjusting the audio filters to something a little less harsh sounding.... also a good "better fidelity" external speaker or headphones will help get things tweaked in as compared to the built in speaker.

John KB0NE

--- In FT897@yahoogroups.com, "Vince" <bigv316@...> wrote:
>
> Hi guys, what is the best basic setting to cancel out background noise or receiver noise. I know that everyone has to set up their radio for their own ears but I just need a starting point and a better understanding of how to get the noise down.
>

30681. Mem to VFO?

Yahoo group: FT897 (2010)
Date: 2010-07-26 14:14:54 UTC
From: Clark
Topic: 30681 Message: 30681

This may be a very simple question that has been answered, and I've invested at least a bit of manual time, some searches on the net and here, but I can't find the answer. I apologize if I'm missing something obvious....

Is there a way to take the contents of a given memory and set the current vfo to that frequency with a few button pushes?

Clark
WA3JPG

30682. Re: Need help with receiver noise!

Yahoo group: FT897 (2010)
Date: 2010-07-26 15:13:27 UTC
From: Steve Yates
Topic: 30670 Message: 30682

Vince,

In general I use the "IPO" (pre-amp off) for 15 MHz and below, use the "ATTN" for about 6 MHz and below. This depends a lot on the antenna you are using and the noise in your environment. I keep the RF Gain turned counter-clockwise until the S-meter is about the same level as the signals I'm listening to. In other words, I use the RF gain control to attenuate the noise level and restore the dynamic range of the signals. When the RF Gain is set to maximum (clock-wise) the AGC tends to make the noise floor the same amplitude as the signals your listening to. It compresses all signals to the same level making the receiver "seem" noisy.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Vince" <bigv316@...> wrote:
>
> Hi guys, what is the best basic setting to cancel out background noise or receiver noise. I know that everyone has to set up their radio for their own ears but I just need a starting point and a better understanding of how to get the noise down.
>

30683. Re: [FT897] Mem to VFO?

Yahoo group: FT897 (2010)
Date: 2010-07-27 06:38:35 UTC
From: Carl Wulfestieg
Topic: 30681 Message: 30683

Clark-
Sure- First push the "V/M" button momentarily- Then rotate the "MEM/VFO CH" knob to get the memory channel you're looking for-
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30684. Re: [FT897] Mem to VFO?

Yahoo group: FT897 (2010)
Date: 2010-07-27 08:29:08 UTC
From: Richard Corfield
Topic: 30681 Message: 30684

It doesn't go into the VFO though. I've been stuck on this and have tended to unlock the dial and rotate it a bit. In fact any change from the memory settings such as changing tone mode will set the radio in VFO mode. It's a slight nuisance if you want to use the smaller dial to make 12.5kHz steps in FM mode, because while it's in MEM mode that dial changes memory.

- Richard (M0RJC)

On 27 July 2010 07:38, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> Clark-
> Sure- First push the "V/M" button momentarily- Then rotate the "MEM/VFO CH"
> knob to get the memory channel you're looking for-
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30685. Re: No RX on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-27 10:17:43 UTC
From: Dave Nelson
Topic: 30685 Message: 30685

Hey John,
just to let you know there is NO relay switching for
antenna in 2m
and 70cm... its done by diode switching

relay switching is only done on HF and 6m :)

Dave
VK2TDN

At 06:50 PM 26/07/2010, you wrote:
>1a. Re: FT897D No receive on FM mode
> Posted by: "john_kb0ne" wa0lhb@... john_kb0ne
> Date: Sun Jul 25, 2010 7:22 am ((PDT))
>Hi Phil,

snip

> From looking at the diagram and cogitating how the problem manifests
> itself, it's a lot like a dirty mechanical relay switching the antenna
> back to RX after transmitting.... In this case I'm thinking one or more
> of the switchover diodes that isolate the RX front end from the
> transmitter during TX may be going bad.

Snip

>Just some musings from me.
>
> John KB0NE

30686. Mem/Vfo Ch knob

Yahoo group: FT897 (2010)
Date: 2010-07-27 15:42:29 UTC
From: cergender
Topic: 30686 Message: 30686

Hi there,

When you press momentarily "Mem/Vfo Ch" button (in manual page 13 item 14), it is producing a flag or some kind of picture of the letter "p" on the left side of the voltage indicaotr in display.
Anybody knows what it means? Apparently I cannot change the frequency when that thing is on. I could not find any explanation in manual.Could somebody please explain the meaning of that.

Regards,
Ben

30687. Re: [FT897] Mem/Vfo Ch knob

Yahoo group: FT897 (2010)
Date: 2010-07-27 15:47:08 UTC
From: Richard Corfield
Topic: 30686 Message: 30687

It can be adjusted by one of the menus. I have what I think is the default setup which causes it to tune in 1MHz steps in VFO mode or to switch memory banks in Memory mode (if you have memory banks turned on). Press it again to get rid of the flag.

You can use it for changing other parameters, but I didn't see any useful feedback when I tried that on my older 897 (not D). If you set it to "RF Power" for example it would be nice for the power to show in the display while the button was in its pressed mode.

- Richard

On 27 July 2010 16:42, cergender <cergender@...> wrote:

>
>
> Hi there,
>
> When you press momentarily "Mem/Vfo Ch" button (in manual page 13 item 14),
> it is producing a flag or some kind of picture of the letter "p" on the left
> side of the voltage indicaotr in display.
> Anybody knows what it means? Apparently I cannot change the frequency when
> that thing is on. I could not find any explanation in manual.Could somebody
> please explain the meaning of that.
>
> Regards,
> Ben
>
>
>

[Non-text portions of this message have been removed]

30688. Re: [FT897] Re: FT897D No receive on FM mode

Yahoo group: FT897 (2010)
Date: 2010-07-27 21:17:36 UTC
From: Phil
Topic: 30665 Message: 30688

Don,

The Wide Band FM does work. It is the FM receive in the ham bands that's not working. There is no FM background noise with an open squelch. Transmit FM is fine. Packet mode has the problem as FM, no background noise. All the other receive modes work. I may have to send it to Vertex for repair as you suggested. These SMD repairs require the right tools and a steady hand.

Thanks for the tip. The Q1058 may be the problem.

73,
Phil
K3FOD
On Mon, Jul 26, 2010 at 5:53 AM, Don Taylor <dj0km@...> wrote:

>
>
> Phil, there are two FM Detector IC in the radio one is for Wide Band
> (Q1058)
> and the other (1080) for Narrow Band. The WB is for the FM BC Band the
> narrow is for the HAM Bands.
>
> Does the WB work ?
>
> Does the NB have any of the normal FM noise when the Squelch is open ?
>
> If WB works and NB noise is normal most of the RX is O.K.
>
> If the NB noise is not normal or missing we usually find that the IC
> (Q1080)
> is bad. The Chip is a 16 SMD. Also there are a couple of OpAmps and an
> electronic switch that the signal must pass thru. Further there are several
> Select Control Signals and Switched Voltages that have to be right to get
> the NB FM on line.
>
> Suggest you get some very Professional Help.
>
> 55 es 73
>
> DJ?KM / K9SFN
>
> Don
>
> dj0km@... <dj0km%40garant-funk.de>
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

30689. Re: Cleaning out the shack

Yahoo group: FT897 (2010)
Date: 2010-07-28 05:06:23 UTC
From: Steve
Topic: 30668 Message: 30689

A member suggested that I post my list to the group. Well here it is.

To the moderator: If this is going beyond the limits of the postings here on the group, please eliminate this posting. I do not want to misuse my privileges.

Please contact me off list if you are interested in any of these.

- Yaesu FT-897 (older model) serial number: 3C130277

+ This is one of the radios that can have a 'soft' mod done to it. Whereas the MARS mod can be done through software. The MARS mod has been done to it already though via hardware modification. I bought it that way.

+ mic has W4RT One Big Punch installed with the Heil #4 and #5 elements in it

+ Rig has the TXCO 9 installed but no SSB or CW filters

note: The mem/ch knob has a bit of 'wiggle' to it. From what I understand, this is a common problem with the 897's. Everything works as it should though.

- LDG AT-897 bolt on tuner

- LDG FT-Meter

- FP-30 Power Supply w/ Factory mod

- CT-58 Band Data Cable

- CT-62 CAT Interface Cable

- MMB-80 Mobile Bracket (New in box)

- 2 FNB-78 Ni-MH Batteries (slightly used)

- MLS-100 Extension Speaker

The Above are all together in a package. I do have these other items as well.

- MFJ 962D 1.5Kw Versa Tuner lll

- MFJ 945E 1.8 - 60MHz Mobile Antenna Tuner

- Yaesu YS-60 1.6 - 60 MHz SWR & Power Meter (Used VERY little. Virtually new)

- Heil Traveller Headset

- AOR 8200 Mk3U with Aceco Frequency Counter (very similar to the MFJ version)

- Ranger 2950 10m radio (very used)

I have had these items for a while and have not used them very much. I am just cleaning out my shack here and wanting them to go to a new home.

These are all in a non-smoking environment. While all the items are used, some have been used more than others while some have hardly been used at all.

I have tried to describe everything to the best of my ability. If there are any further questions, please feel free to ask. :-)

Once again, please contact me off list about these items. :-)

73's

Steve/KC8LQV

--- In FT897@yahoogroups.com, "Steve" <kc8lqv@...> wrote:
>
> Hello group
>
> I am cleaning out my shack which includes and older 897. Please contact me off group for details.
>
> 73's
>
> Steve/KC8LQV
>

30690. Re: Need help with receiver noise!

Yahoo group: FT897 (2010)
Date: 2010-07-28 06:11:57 UTC
From: jsavitsky
Topic: 30670 Message: 30690

The basic settings to reduce the background receiver noise are written in above comments. There is a radical modification of I and II stage amps of 2nd IF which greatly reduce background noise. Both stages reduced their amplification by 3 times. This is done by soldering some SMD parts on the down side of the main unit PCB. Another good modification is published at the mods.dk named like "Slow AGC too fast mod" or something like that. And another very simple mod not to reduce the noise, but to enhance the sound quality is to solder 100 Ohm resistor on top of the internal loudspeaker terminals. This eliminates sound distortion caused by inproper PCB design of the TDA2003 sound amplifier.

--- In FT897@yahoogroups.com, "Vince" <bigv316@...> wrote:
>
> Hi guys, what is the best basic setting to cancel out background noise or receiver noise. I know that everyone has to set up their radio for their own ears but I just need a starting point and a better understanding of how to get the noise down.
>

30691. RE: [FT897] Power extension UHF

Yahoo group: FT897 (2010)
Date: 2010-07-26 17:37:38 UTC
From: Geoff Blake
Topic: 30674 Message: 30691

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of klokkenman
Sent: 26 July 2010 17:25
To: FT897@yahoogroups.com
Subject: [FT897] Power extension UHF

> I am wandering if it will damage my FT-897D if I run it at 40 Watt RF in UHF.
> In the hidden menu it seems to be possible to boost up the rig a bit, and double the RF power on UHF A Yaesu FT-7800 can transmit at this power in UHF, and it is just like the 897 limited > at 50 watt on VHF.
> Because of the surrounding buildings, I can sometimes uses a little bit more RF.
> Maybe this will do the trick.

Regardless of the possibility of such a move, I would not advise such a move, I would suggest using an external amplifier giving perhaps 100W or more output. I would choose one with a preamplifier incorporated. The 7dB or more increase in power with an amplifier is more effective than the 3dB from the over-running of the output stage. Ideally, you could mount the amplifier in close proximity to the aerial and this will improve your station even more.

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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of the sender.

30692. Power problems with 897d

Yahoo group: FT897 (2010)
Date: 2010-07-24 22:50:23 UTC
From: n8ulp
Topic: 30692 Message: 30692

I just recently purchased a nice used ft897d that had only been used for a 10 watt beacon for its whole life. Have not tried it on VHF UHF 10 meters puts out 80 to 100 watts with no problem but every other band only getting about 10 watts out on 2 of my meters. Power supply is sec 1223 22 amp. I have already tried a master reset with no luck. Not sure about the Second menu settings. Any suggestions?
thanks Sean N8ULP

30693. Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-07-25 09:23:00 UTC
From: m0mgf
Topic: 30693 Message: 30693

I do not want to spend a lot of money (well it is here in England) for an interface to connect the FT-897D to the MFJ-993B. Has anyone tried a homebrew version, by directly connecting the two devices together?

From looking at the manuals,
Radio: TxD and Tx GND to ATU: Radio interface
socket
Radio: 13.8v and GRND to ATU: Power socket

Will this work? or why have MFJ inserted an interface, what is it actually doing?

Regards for any assistance
Jason
M0MGF

30694. Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-23 22:33:47 UTC
From: Richard Briggs
Topic: 30694 Message: 30694

I want to buy a netbook <$450 to dedicate to ham radio. So far, I know I need 2 GB RAM, mic and headphone jacks and a six cell battery. I want to run HRD and either HF or VHF email. Does anyone have any advice as to brand and model? (Pro or con)
Rick BriggsKL7BRFairbanks, Alaska

[Non-text portions of this message have been removed]

30695. Re: [FT897] Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-24 00:10:08 UTC
From: undergrove
Topic: 30638 Message: 30695

Please excuse me if this is a an ignorant question, but since PSK is transmitting on SSB, isn't the power output essentially the same if I adjust the modulation so the 897 meter set to PWR reads 20W whether the RF power is set to 100W or 40W?

It seems that many PSK elmers think that 20W modulation at the 100W setting will produce a cleaner signal than at 40W.

Do I understand this correctly?

Stuart
K6MQA

On Jul 23, 2010, at 2:47 AM, j.a. wrote:

> HAM-tranceivers, like the FT897, are not build to operate 100 Watts during a long period, like transmitting 100 Watts by PSK.
> The final-unit is becoming to hot.
> Like during transmitting SSB and CW the period is shorter and the final-unit will become not to hot and will become cool by the blower.
> Long transmissions, like PSK and RTTY, is better to run with a power less than 40 Watts.
> Also the problem with transmitting high power, will disturb receiving signals by stations in the neighbourhood.
> PSK is just made to transmit wit a low power!
> Jaap PA7DA
>
> --- In FT897@yahoogroups.com, "Phil Scott" <pwscott@...> wrote:
> >
> > I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.
> > Phil
> > N3KDJ
> >
> >
> > Cell 203-247-4412
> >
>
>

[Non-text portions of this message have been removed]

30696. MODERATOR MESSAGE

Yahoo group: FT897 (2010)
Date: 2010-07-28 14:11:46 UTC
From: w4wb
Topic: 30696 Message: 30696

Folks,

Yahoo! has been acting odd again. Some good messages are going to the spam box and other first-time posters are showing up many days after they post. When this has happened in the past,they get it sorted out in a week or so.

73 de Barry W4WB, Moderator

30697. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-07-21 12:19:38 UTC
From: Alan E. Lutz
Topic: 30633 Message: 30697

Harry,

FWIW, I am running HRD and am connected to the FT-897D with the USB to CAT cable, USB-62, as supplied by RT Systems Inc. specifically for this radio. I followed thier directions and installed the RTS driver. Using the RTS routine I determined that the USB and driver would emulate serial port 5 and set things up accordingly. I also experienced the HRD and radio disconnecting. When it happens, HRD han gs up so bad that I can not stop the program. In talking with a fellow ham locally who is also expert in computers, he has suggested to me that M/S doesn't play well with com ports above the first 4 and that this could be the problem. So far I have not been able to resolve this.

73 de Alan

AE1NH

----- Original Message -----
From: "harry latterman" <harrylatterman@...>
To: FT897@yahoogroups.com
Sent: Wednesday, July 21, 2010 12:04:26 AM
Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

73 de Alan

AE1NH

----- Original Message -----
From: "harry latterman" <harrylatterman@...>
To: FT897@yahoogroups.com
Sent: Wednesday, July 21, 2010 12:04:26 AM
Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

Bob,

Thanks for your suggestion. I did download the driver and removed the Radio Shack installed one. Much to my surprised once the driver was loaded in now comes up as Gigaware and not Radio Shack. So guess it must be compatible. That's the good news, the bad news is I still can not get Clone to come up. Also running FTBCAT works briefly and drops out and so does Virtual Legacy Radio. I am on yet another computer and have not loaded HRD on it as of yet.

I have observed that the above softeware runs more stable at the highest com speed. I pulled the CT-62 appart and check some voltages and did find that when the software would stop running the the bias (power for the translator) dropped. Soooooo I built a 2 transistor circuit with higher voltage levels and taking the power from the 897 and not the usb/rs-232 cable. Well the two memtioned software worked a lot longer, but still dropped out and would not re-sync unless a full power down and restart.

I really am starting to think it is the 897 but not sure what would cause the radio to all of a sudden drop the CAT port or do something to the CAT port that was not intended. If you

or anyone else has any suggestions let me know. In the meantime I plan this week-end to get this thing on a O-scope and see if I can catch any problems.

If you or anyone has had a simular problem with or without a solution let me know ... thank you.

73
Harry

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30698. Re: Decoding problem with my PSK signal

Yahoo group: FT897 (2010)
Date: 2010-07-23 19:57:15 UTC
From: pakjan830
Topic: 30654 Message: 30698

Ben.

I can completely confirm Danny's response. I use the radio in PSK with max 50W set in Menu 75 and keep Menu 37 (Digital Gain) open to adjust the incoming AF level on demand. I have reached stations in Spain from Singapore (12000 KM) with a simple mobile whip of 1.8 m length on a balcony pointing southward.

I am sure you checked this but here is the obvious:

- Are you in Digital mode? (Display shows DIG)
- Digital mode (Menu 38) is PSK31-U?
- Is your meter set to display ALC on transmit?
- When transmitting a PSK signal, you have adjusted Digital gain to just about show a deflection on the meter (but not yet)?
- When connecting a power meter the same shows you roundabout the power you set in menu 75 while transmitting?
- Are you confident that your sound card does not produce noise when transmitting? Your Signalink should have an isolation transformer which is good. Is there a chance you can monitor your own signal with a second receiver to check for distortion?
- Is the cable from the Signalink to the TRX well shielded?

The FT897 is a rock solid TRX and nothing much can go wrong. If you want to further investigate you might want to transmit a signal and receive it back from one of the WebSDR receivers (Google for it), that should show you exactly what others receive.

Regards,
Jan, DK3LJ

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Ben,
>
> I run the FT-897D with Signalink USB with Digipan software and never run the
> radio above 40 Watts and have had 599 signal reports with good data copy on most
> contacts. I do notice that when the person I am talking to says my data is
> garble, theirs is also. Have always chaulked it up to the props even though I
> still have a good sounding signal on the radio, it just drops down in volume.
> The thing about Amateur Radio is there is no set truth when it comes to
> operating on any mode.
>
>
> Take last night for instance, I had 59 signal with North Sardina Island on 20
> meter SSB on 100 watts but couldn't get a station in Portugal to hear me at all.
> Didn't change a thing. Just did work. Approximately five minutes apart from good
> contact and no contact.
>

>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: cergender <cergender@...>
> To: FT897@yahoogroups.com
> Sent: Fri, July 23, 2010 10:48:19 AM
> Subject: [FT897] Re: Decoding problem with my PSK signal
>
> Â
> Danny,
>
> 1)
> The bad props could be the the reason in most of the cases. But just wondering
> when my signal is supposed to be strong but it cannot be decoded. What else
> could it be?
>
>
> 2)
> Just recently lots of discussion about the required rf power. One opinion is to
> use 100w and reduce it to abt 20 - 30w by soundcard settings. (I am not sure if
> the radio is after that still pushing all 100w to somewhere and running redhot?)
>
>
> 3)
> The other idea is to never use the full radio output power in digi modes because
> of continuous duty-transmissions etc. and set it originally to that 20 - 30
> watts?
>
> 4)
> Somebody suggested that if you are not using the full rf-power,
> your radio is not generating a clean signal.
>
> 5)
> Are these things different in various radios. I am using Yaesu FT-897/SignaLink
> and IC-7200/USB-cable.
>
> Lots of questions and contradictiory opinions in the air. I hope somebody could
> say the final truth.
> If there is anything like that?
>
> Ben
>
> --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@> wrote:
> >

> > Ben,
> >
> > From your description, it just sounds like plain old bad props. I have the same
> >
> > problem also, can be going along with 599 signals and all of a sudden the props
> >
> > will change and they are unable to copy the last thing I just sent. Just chaulk
> >
> > it up to Mother Nature.
> >
> > Danny
> > KE5WDI
> >
> >
> >
> >
> > _____
> > From: cergender <cergender@>
> > To: FT897@yahoogroups.com
> > Sent: Thu, July 22, 2010 10:54:11 AM
> > Subject: [FT897] Decoding problem with my PSK signal
> >
> > Ã□Â
> > Hi there,
> >
> > Not very seldom when I am calling CQ in psk-mode, the other guy says my signal
>
> > is strong but he cannot decode it. And I do not know why. All my settings
> >should
> >
> > be OK. It looks like in those periods I cannot see my signal in
> >pskreporter.info
> >
> > either. Then other times I can work long time making lots of QSO:s
> > The set up is: WinXPPro, HRD/DM780, FT-897, SignaLink USB. I must admit my
> > antenna is not very efficient; a mobile whip. However I get very often congrats
> >
> > on my excllent antenna performance. How is it possible that even if my signal
> >is
> >
> > strong, it is uncopiable?
> > Could it be just general conditions with QSB/QRN etc or do I have something
> > wrong somewhere (for a long time apparently, hi)
> > Useful hints appreciated.
> >
> > Ben
> >
> >
> >

> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

30699. RE: [FT897] Not able to tune 146.000 MHz and other problems.

Yahoo group: FT897 (2010)
Date: 2010-07-18 05:51:25 UTC
From: Geoff Blake
Topic: 30604 Message: 30699

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bob
Sent: 18 July 2010 02:25
To: FT897@yahoogroups.com
Subject: [FT897] Not able to tune 146.000 MHz and other problems.

I am unable to tune beyond 146.000 MHz on 2 meter. Drops back to
144.000MHz. On 70cm, same problem 430.000 to 440.000 the back to 430.000.
Also, on HF. on 40 meters, anything over 7.102.50 give me TX ERROR.

Thanks for any assistance on this one.

Bob K9ZHJ

'Funny, mine does the same - yours, like mine, is probably set to the
European market settings. If it is an old FT897 do a full reset, otherwise
check the jumper settings.

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
the intended recipient please notify
<postmaster(at)palaemon.co.uk>
and the sender by return and permanently delete the message.

You may not disclose, forward or copy this E-mail or any of
its attachments to any third party without the prior consent
of the sender.

30700. Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-28 23:49:11 UTC
From: faygopaygo
Topic: 30694 Message: 30700

Rich,

I don't know if you received any answers yet, but I can tell you that any netbook made in the last year or two will easily run HRD. My ASUS 701 eeePC runs Windows XP sp3 with only 1G of ram, a 4G solid state hard drive and an 8G SD memory card. The processor is an old Celeron which maxes out at .9MHz and normally runs at only .58MHz. If you can, get XP sp3 unless you have a special need for Windows 7. Whatever you do don't get a netbook running any version of Vista! As long as you have an Atom processor (any of them) and a Gig of ram you'll be fine. More important is the size and quality of your display! Get at least a 10" display at least 1024x600dpi (HRD takes up a lot of display room) and try to get one that works well in daylight. This is the major fault of my 701, an 8" display that's dismal in any direct light, plus if you touch type the keyboard will not be pleasant. For peckers like me I find I'm actually faster on the 701. Most 10' display netbooks have tolerable keyboards but some have a few weird key positions. Try before you buy!
Make sure the netbook has at LEAST 3 POWERED USB ports. You will go through them quickly using digital modes. I always use a 4 port extender on mine in addition to the 3 on-board ports and still would like a few more! Get at least a 6 cell battery if, as I presume, you plan to operate portable. I also use a Tigertronics Signalink USB interface. It takes up a USB port but makes life easier in the digmodes. Also, I run Outpost Packet Message Manager software on VHF with no problems and it's free!

Hope this helps.

73

Randy
KG6WCA

--- In FT897@yahoogroups.com, Richard Briggs <hstkmtn@...> wrote:
>
> I want to buy a netbook <$450 to dedicate to ham radio. So far, I know I need 2 GB RAM, mic and headphone jacks and a six cell battery. I want to run HRD and either HF or VHF email. Does anyone have any advice as to brand and model? (Pro or con)
> Rick BriggsKL7BRFairbanks, Alaska
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30701. Noise from CAT Interface

Yahoo group: FT897 (2010)
Date: 2010-07-29 05:37:48 UTC
From: pakjan830
Topic: 30701 Message: 30701

I operate my FT-897 with a microHAM USB Interface II for PSK/RTTY operation. Since day one when I bought the microHAM I noticed that whenever an application accesses the internal USB chip (FTDI FT232R) the receiver noise level goes through the roof (S9).

Once I stop accessing the chip (by terminating the driver), things go back to normal. I have tried the same with an older version of the microHAM interface which uses the FT232BL chip and this one works perfectly fine with zero noise.

My grounding situation is difficult as the shack is on the second floor and the best DC ground I can get is a thick wire to the copper water pipe. Antenna-wise I am operating into a dipole. Grounding the TRX certainly helps but still I can see the s meter jumping up at least 1 level when the chip is in operation. USB cables are shielded (does not make much of a difference here to use unshielded ones). The PC is a MAC laptop and can not be grounded for its physical design does not allow access to a grounding point but operating the laptop independently does not produce noise that I would have noticed. Noise stops 100% once I change the antenna for a dummy load (so I assume the noise enters the TRX through the antenna).

What I have done in the past was to just not use the CAT side of the interface at all but only the audio separation transformers and ket the rig through VOX. That of course prevents me from being able to use any CAT features.

What else can I try to get the noise level down?

vy 73 de Jan, DK3LJ

30702. computer monitor noise on 50MHz

Yahoo group: FT897 (2010)
Date: 2010-07-29 07:51:20 UTC
From: davekh@cix.co.uk
Topic: 30702 Message: 30702

Earlier this year I setup a new radio shack and thanks to poor UK digital-broadcast signal levels at my new QTH meant a
20" TV became spare as a monitor and it worked well - failed to give me the highest resolution but did the job. (Not
quite the NCIS office but on the way ;-)

However when I did the monthly RSGB 50MHz evening contest I noticed there was a lot of noise (S7~8) when I pointed the
beam over the shack - and much less (hiss) when pointed elsewhere. Switching the TV off completely cleared it - so I
moved back to using a small-ish monitor - which still makes noise on 50MHz and makes weak ssb difficult to copy (0 on
the meter but the crackle was intrusive).

I can log on paper for these contests, but I'd quite like to equip the (Dell 15") monitor so that is doesn't do this (or
replace). The monitor is at least 4 years old and still very capable but space limitations mean its always quite close
to my FT897nd.

The most I could move it and still operate comfortably is about a foot away, but still get noise thats enough to make 6
meters uncomfortable to listen on for ssb. It does seem to be the monitor itself and not proximity of cables. I can't
try DVI though as my radio PC doesn't have it.

Any thoughts on this - are more modern monitors better at not transmitting hash on 50MHz?

Thanks
Dave H
G0CER / KJ4QAO

30703. Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-29 09:35:31 UTC
From: j.a.
Topic: 30638 Message: 30703

Stuart
You are correct!
To transmit 20 Watts with PSK, the signal is indeed cleaner.
To transmit with 100 Watts the final unit will become to hot
By 40 Watts the final unit will have no problems with the heat
PSK is indeed a mode to transmit wit a power lower than 30 Watts.
I have with 5 Watts PSK a better result on HF and 6 Mtrs than transmitting 100 Watts SSB
73
Jaap PA7DA

--- In FT897@yahoogroups.com, undergrove <auffls@...> wrote:
>
> Please excuse me if this is a an ignorant question, but since PSK is transmitting on SSB, isn't the power output essentially the same if I adjust the modulation so the 897 meter set to PWR reads 20W whether the RF power is set to 100W or 40W?
>
> It seems that many PSK elmers think that 20W modulation at the 100W setting will produce a cleaner signal than at 40W.
>
> Do I understand this correctly?
>
> Stuart
> K6MQA
>
> On Jul 23, 2010, at 2:47 AM, j.a. wrote:
>
> > HAM-tranceivers, like the FT897, are not build to operate 100 Watts during a long period, like transmitting 100 Watts by PSK.
> > The final-unit is becoming to hot.
> > Like during transmitting SSB and CW the period is shorter and the final-unit will become not to hot and will become cool by the blower.
> > Long transmissions, like PSK and RTTY, is better to run with a power less than 40 Watts.
> > Also the problem with transmitting high power, will disturb receiving signals by stations in the neighbourhood.
> > PSK is just made to transmit wit a low power!
> > Jaap PA7DA
> >
> > --- In FT897@yahoogroups.com, "Phil Scott" <pwscott@> wrote:
> > >
> > > I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.
> > > Phil

> > > N3KDJ
> > >
> > >
> > > Cell 203-247-4412
> > >
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>
> [Non-text portions of this message have been removed]
>

30704. Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-29 12:39:52 UTC
From: dyarnes1
Topic: 30694 Message: 30704

Rick,

We've had several of these in our household. I passed on a couple to my kids, and now have a fairly new Acer. I like it. All have somewhat cramped keyboards, but it's not all that bad. My Acer has Windows 7, and so far I've not had any issues, but many prefer to use XP if they can still find it. Vista was not suited for a netbook.

By all means, get one with a 6 cell battery and a 10 inch screen. I also had an HP, but didn't care as much for that one as it didn't have dedicated page up and page down keys, which my Acer does have--I use those keys a lot!

You will probably want to add an external optical drive, but I suppose it's not absolutely necessary. I think it is, and I found one made by Samsung that works really well. One I had from Dell was troublesome!

Lots of them out there, but I think the Acer, the ASUS, and possibly the Samsung models are the most highly rated. Costco sells the Acer I have for $300, and that's pretty cheap.

Dave W7AQK

--- In FT897@yahoogroups.com, Richard Briggs <hstkmtn@...> wrote:
>
> I want to buy a netbook <$450 to dedicate to ham radio. So far, I know I need 2 GB RAM, mic and headphone jacks and a six cell battery. I want to run HRD and either HF or VHF email. Does anyone have any advice as to brand and model? (Pro or con)
> Rick BriggsKL7BRFairbanks, Alaska
>
>
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> [Non-text portions of this message have been removed]
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30705. Re: [FT897] Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-29 13:00:42 UTC
From: Jerry Lefever
Topic: 30694 Message: 30705

Rick
I use several netbooks.
The Asus 1000, great netbook and still around. 10" non shiny screen, all solid state, (ie no hard drive). Battery lasts 7 hours, and I bought a larger battery on Ebay. 12 hours out of that.

The Asus 1000H, same as above but with 80 or 160GB hard drive. Excellent too. XP

The Packard Bell Butterfly XS. About 360 UKP. 11.6" screen and has DVD drive! Has W7, but can be upgraded to XP. Shiny screen.

Regards
Jerry
EA8/G4CAZ

On Thu, Jul 29, 2010 at 1:39 PM, dyarnes1 <w7aqk@...> wrote:

>
>
>
> Rick,
>
> We've had several of these in our household. I passed on a couple to my
> kids, and now have a fairly new Acer. I like it. All have somewhat cramped
> keyboards, but it's not all that bad. My Acer has Windows 7, and so far I've
> not had any issues, but many prefer to use XP if they can still find it.
> Vista was not suited for a netbook.
>
> By all means, get one with a 6 cell battery and a 10 inch screen. I also
> had an HP, but didn't care as much for that one as it didn't have dedicated
> page up and page down keys, which my Acer does have--I use those keys a lot!
>
> You will probably want to add an external optical drive, but I suppose it's
> not absolutely necessary. I think it is, and I found one made by Samsung
> that works really well. One I had from Dell was troublesome!
>
> Lots of them out there, but I think the Acer, the ASUS, and possibly the
> Samsung models are the most highly rated. Costco sells the Acer I have for
> $300, and that's pretty cheap.
>
> Dave W7AQK
>
>
> --- In FT897@...m <FT897%40yahoogroups.com>, Richard Briggs
> <hstkmtn@...> wrote:

> >
> > I want to buy a netbook <$450 to dedicate to ham radio. So far, I know I
> need 2 GB RAM, mic and headphone jacks and a six cell battery. I want to
> run HRD and either HF or VHF email. Does anyone have any advice as to brand
> and model? (Pro or con)
> > Rick BriggsKL7BRFairbanks, Alaska
> >
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30706. Re: [FT897] Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-29 13:11:47 UTC
From: Matt Patterson
Topic: 30694 Message: 30706

Rick,

My suggestion would be to get one that I has a stereo mic input just in case you ever decide to play around with some of the SDR kits out there such as the softrocks or the kits from Genesis radio. You'll need a stereo mic input if you decide to use the internal sound card.

73 Matt
W5LL

On 7/29/2010 7:39 AM, dyarnes1 wrote:
>
>
> Rick,
>
> We've had several of these in our household. I passed on a couple to
> my kids, and now have a fairly new Acer. I like it. All have somewhat
> cramped keyboards, but it's not all that bad. My Acer has Windows 7,
> and so far I've not had any issues, but many prefer to use XP if they
> can still find it. Vista was not suited for a netbook.
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> By all means, get one with a 6 cell battery and a 10 inch screen. I
> also had an HP, but didn't care as much for that one as it didn't have
> dedicated page up and page down keys, which my Acer does have--I use
> those keys a lot!
>
> You will probably want to add an external optical drive, but I suppose
> it's not absolutely necessary. I think it is, and I found one made by
> Samsung that works really well. One I had from Dell was troublesome!
>
> Lots of them out there, but I think the Acer, the ASUS, and possibly
> the Samsung models are the most highly rated. Costco sells the Acer I
> have for $300, and that's pretty cheap.
>
> Dave W7AQK
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Richard
> Briggs <hstkmtn@...> wrote:
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> > I want to buy a netbook <$450 to dedicate to ham radio. So far, I
> know I need 2 GB RAM, mic and headphone jacks and a six cell battery.
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> advice as to brand and model? (Pro or con)
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> >

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30707. MONITOR NOISE

Yahoo group: FT897 (2010)
Date: 2010-07-29 14:48:08 UTC
From: Sam M
Topic: 30707 Message: 30707

I had some issues with noise from my PC/ monitor as well. I found that the power phase setting on the monitor can be adjust to limit the interference. I think I changed mine from 60 cycles to 50 with a noticeable improvement in less hash on the receiver. Just a thought , good luck.
  73'   Sam M. KF4UGA

[Non-text portions of this message have been removed]

30708. Re: [FT897] Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-29 17:38:22 UTC
From: undergrove
Topic: 30638 Message: 30708

Jaap

Thank you for your informative reply. The question that seems to come up over and over again is where to set the RF Power (menu 75) on the 897 and then what level of modulation to apply to that for a clean PSK signal. A rule of thumb that I have read suggests modulating to about 20% of the output power setting.

That means if I want a 5 watt PSK signal I would set the RF Power to 25W and adjust the modulation to read about 5W with no ALC. If I want a 20W PSK signal, I would set the RF Power to 100W and adjust modulation to 20W. By this standard setting the RF Power to 40W and modulating at 20W would not produce as clean a signal.

This suggests that the highest power clean PSK signal with the 897 should not be much more than 20W. What you are saying seems to be to start with 5W, because even 20W may not be necessary.

Is this how you operate PSK with the 897?

Thanks & 73

Stuart
K6MQA

On Jul 29, 2010, at 2:35 AM, j.a. wrote:

> Stuart
> You are correct!
> To transmit 20 Watts with PSK, the signal is indeed cleaner.
> To transmit with 100 Watts the final unit will become to hot
> By 40 Watts the final unit will have no problems with the heat
> PSK is indeed a mode to transmit wit a power lower than 30 Watts.
> I have with 5 Watts PSK a better result on HF and 6 Mtrs than transmitting 100 Watts SSB
> 73
> Jaap PA7DA
>
> --- In FT897@yahoogroups.com, undergrove <auffls@...> wrote:
> >
> > Please excuse me if this is a an ignorant question, but since PSK is transmitting on SSB, isn't the power output essentially the same if I adjust the modulation so the 897 meter set to PWR reads 20W whether the RF power is set to 100W or 40W?
> >
> > It seems that many PSK elmers think that 20W modulation at the 100W setting will produce a cleaner signal than at 40W.
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> > Do I understand this correctly?
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> > Stuart

> > K6MQA
> >
> > On Jul 23, 2010, at 2:47 AM, j.a. wrote:
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> > > HAM-tranceivers, like the FT897, are not build to operate 100 Watts during a long period, like transmitting 100 Watts by PSK.
> > > The final-unit is becoming to hot.
> > > Like during transmitting SSB and CW the period is shorter and the final-unit will become not to hot and will become cool by the blower.
> > > Long transmissions, like PSK and RTTY, is better to run with a power less than 40 Watts.
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> > > PSK is just made to transmit wit a low power!
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> > > --- In FT897@yahoogroups.com, "Phil Scott" <pwscott@> wrote:
> > > >
> > > > I often run 100 watts on PSK-31, I just am careful with volume level to the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to be a full duty radio that will transmit at 100 watts for reasonable periods of transmission. Assuming your SWR is good into the antenna, there should be no harm in this as far as I can see.
> > > > Phil
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30709. Re: Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-07-29 18:55:00 UTC
From: iz0inx
Topic: 30693 Message: 30709

I believe you are talking about the MFJ-5124K/Y.

Yes, I agree with you, it is unreasonably expensive and, in my opinion, absolutely useless. I don't know whether your solution will work, what I know is that in the interface there is a PIC, I believe it works as protocol converter, so, unless the protocol (and the voltage levels) of the MFJ is compatible with the Yeasu one, it won't work.

The MFJ-993b can work in "Auto" mode. Just push the "Auto" button and when you transmit the tuner will detect the RF and the tune process will automatically start.

I know, you have to produce RF, so the options are to whistle into the mike when in SSB or switch to AM/FM and push the PTT.

I also didn't like that solution so, what I did, is to build a simple and cheap interface which detects the "tuning" status (started by pressing the "Tune" button on the Tuner) and put the RIG in the TX mode by closing the ring and the sleeve contacts of the ACC socket on the rig.
In other words, it acts as the Y-ACC cable when connected to the LDG AT897 tuner.

This way, when I want to tune, just push the "tune" button on the tuner. Then the RIG will produce RF till the tune process is completed. Very simple.
An improvement would be to add a low negative voltage to the tip on the ACC, so that the power is reduced.

Hope this is helpful
cheers,
Fil IZ0INX

-- In FT897@yahoogroups.com, "m0mgf" <radio@...> wrote:
>
> I do not want to spend a lot of money (well it is here in England) for
> an interface to connect the FT-897D to the MFJ-993B. Has anyone tried a
> homebrew version, by directly connecting the two devices together?
>
> From looking at the manuals,
> Radio: TxD and Tx GND to ATU: Radio interface
> socket
> Radio: 13.8v and GRND to ATU: Power socket
>
> Will this work? or why have MFJ inserted an interface, what is it
> actually doing?
>
>
> Regards for any assistance
> Jason
> M0MGF
>

30710. Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-29 13:36:48 UTC
From: Lazar Cornel
Topic: 30694 Message: 30710

Hi
I'm using an ASUS eeepc 1000H, with 2G of ram, 10" display, 1024x600 resolution, 6 cell battery. it runs well with HRD ver.5, echolink and digipan. These are the only ham soft I use.

30711. USING MPRP40 MORSE GENERATOR DECODER

Yahoo group: FT897 (2010)
Date: 2010-07-29 07:49:23 UTC
From: dougandsian@btinternet.com
Topic: 30711 Message: 30711

Am using this download prog in line with signalink usb interface between 897 and lap top as reccommended. it works my HRD well.It appears to be transmitting morse ok from MRP 40 however am not getting any come backs to calls.
I am wondering if anyone one knows settings for CW Tx whilst using above method or similar progs??????/ within 897.Offsets ?????

30712. Re: Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-30 05:22:18 UTC
From: epiphone1001
Topic: 30694 Message: 30712

No brainer. Go to Office Depot and get an Acer Aspire One with 10.1" screen. $299. Buy a 2 gig memory card and replace the 1 gig it comes with. I use HRD and the programming apps for the Icom 7000, Yeasu 897D,and Kenwood TM-710. Good little machine.

Rick
KE7VXP

--- In FT897@yahoogroups.com, Richard Briggs <hstkmtn@...> wrote:
>
> I want to buy a netbook <$450 to dedicate to ham radio. So far, I know I need 2 GB RAM, mic and headphone jacks and a six cell battery. I want to run HRD and either HF or VHF email. Does anyone have any advice as to brand and model? (Pro or con)
> Rick BriggsKL7BRFairbanks, Alaska
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

30713. FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-07-30 05:34:44 UTC
From: Rob Stampfli
Topic: 30713 Message: 30713

I'm a relatively new owner of an FT-897D. One thing I've noticed is that if you tune to a frequncy outside the ham bands, and then use the band UP/DWN buttons to jump from there to the next higher or lower band, it appears the 897 remembers where you came from and inserts the new "band" in the sequence that is traversed by the UP/DWN buttons.

For instance, if I dial down to the AM broadcast band and listen to a station there, and then jump back to 160m, I find that, on that and only that VFO, the AM broadcast band has been "activated" and forever becomes a part of the UP/DWN search sequence.

My question: Is there some way (short of a full reset of the 897, which works) to remove these non-standard bands? I like to listen to unusual frequencies occasionally, but I'd prefer not to have to traverse these non-ham bands forever more after having done so.

Any ideas? Am I missing something obvious?

Thanks in advance,
Rob / KD8WK

30714. Re: [FT897] FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-07-30 05:56:56 UTC
From: Carl Wulfestieg
Topic: 30713 Message: 30714

Rob-
That's easy- Just use "Band-Down-Up" to go back to the "non-standard band"- Then use the VFO to tune into a ham band- You'll find the "non-standard-band" has disappeared- Of course you may now have two of the "same" ham bands- Like two 20 Meter bands- Or two 40 Meter bands- It's just the way the 897 works- I just live with it-
This same thing will happen whenever you tune to a "strange" band- It will always be there- Just use the above to get away from it- Good Luck-
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30715. Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-30 10:51:40 UTC
From: j.a.
Topic: 30638 Message: 30715

Stuart,
I operate on the same way as you.
Indeed with no ALC.
To many operators turn also the ALC a bit up, whyat is no good
Best 73
Jaap

--- In FT897@yahoogroups.com, undergrove <auffls@...> wrote:
>
> Jaap
>
> Thank you for your informative reply. The question that seems to come up over and over again is where to set the RF Power (menu 75) on the 897 and then what level of modulation to apply to that for a clean PSK signal. A rule of thumb that I have read suggests modulating to about 20% of the output power setting.
>
> That means if I want a 5 watt PSK signal I would set the RF Power to 25W and adjust the modulation to read about 5W with no ALC. If I want a 20W PSK signal, I would set the RF Power to 100W and adjust modulation to 20W. By this standard setting the RF Power to 40W and modulating at 20W would not produce as clean a signal.
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> This suggests that the highest power clean PSK signal with the 897 should not be much more than 20W. What you are saying seems to be to start with 5W, because even 20W may not be necessary.
>
> Is this how you operate PSK with the 897?
>
> Thanks & 73
>
> Stuart
> K6MQA
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> On Jul 29, 2010, at 2:35 AM, j.a. wrote:
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> > Stuart
> > You are correct!
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> > > > --- In FT897@yahoogroups.com, "Phil Scott" <pwscott@> wrote:
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> > > > > Phil
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> [Non-text portions of this message have been removed]
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30716. Re: [FT897] Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-30 16:17:26 UTC
From: Danny Loyd
Topic: 30638 Message: 30716

Stuart,

I have found from experimenting lately that I get the best reports on my signal on the FT-897D in PSK if I have the RF set at 100W and adjust my Signalink USB to just barely having a indication on my ALC. Everyone tells me that my signal is much better. I was running the 897 at between 20 and 40W and people kept telling me that my data was dropping out. Now I don't seem to have that problem unless the props are real nasty.

Danny
KE5WDI

_____
From: j.a. <pa7da@...>
To: FT897@yahoogroups.com
Sent: Fri, July 30, 2010 5:51:40 AM
Subject: [FT897] Re:popping noise smell of smoke.

Stuart,
I operate on the same way as you.
Indeed with no ALC.
To many operators turn also the ALC a bit up, whyat is no good
Best 73
Jaap

--- In FT897@yahoogroups.com, undergrove <auffls@...> wrote:
>
> Jaap
>
> Thank you for your informative reply. The question that seems to come up over
>and over again is where to set the RF Power (menu 75) on the 897 and then what
>level of modulation to apply to that for a clean PSK signal. A rule of thumb
>that I have read suggests modulating to about 20% of the output power setting.
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> That means if I want a 5 watt PSK signal I would set the RF Power to 25W and
>adjust the modulation to read about 5W with no ALC. If I want a 20W PSK signal,
>I would set the RF Power to 100W and adjust modulation to 20W. By this standard
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>signal.
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> Is this how you operate PSK with the 897?
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> Thanks & 73
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> Stuart
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> On Jul 29, 2010, at 2:35 AM, j.a. wrote:
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> > Stuart
> > You are correct!
> > To transmit 20 Watts with PSK, the signal is indeed cleaner.
> > To transmit with 100 Watts the final unit will become to hot
> > By 40 Watts the final unit will have no problems with the heat
> > PSK is indeed a mode to transmit wit a power lower than 30 Watts.
> > I have with 5 Watts PSK a better result on HF and 6 Mtrs than transmitting
>100 Watts SSB
> > 73
> > Jaap PA7DA
> >
> > --- In FT897@yahoogroups.com, undergrove <auffls@> wrote:
> > >
> > > Please excuse me if this is a an ignorant question, but since PSK is
>transmitting on SSB, isn't the power output essentially the same if I adjust the
>modulation so the 897 meter set to PWR reads 20W whether the RF power is set to
>100W or 40W?
>
> > >
> > > It seems that many PSK elmers think that 20W modulation at the 100W setting
>will produce a cleaner signal than at 40W.
>
> > >
> > > Do I understand this correctly?
> > >
> > > Stuart
> > > K6MQA
> > >
> > > On Jul 23, 2010, at 2:47 AM, j.a. wrote:
> > >
> > > > HAM-tranceivers, like the FT897, are not build to operate 100 Watts
>during a long period, like transmitting 100 Watts by PSK.
> > > > The final-unit is becoming to hot.
> > > > Like during transmitting SSB and CW the period is shorter and the
>final-unit will become not to hot and will become cool by the blower.
> > > > Long transmissions, like PSK and RTTY, is better to run with a power less
>than 40 Watts.
> > > > Also the problem with transmitting high power, will disturb receiving
>signals by stations in the neighbourhood.
> > > > PSK is just made to transmit wit a low power!
> > > > Jaap PA7DA
> > > >
> > > > --- In FT897@yahoogroups.com, "Phil Scott" <pwscott@> wrote:

> > > > >
> > > > > I often run 100 watts on PSK-31, I just am careful with volume level to
>the RigBlaster PnP and I watch the ALC on an LDG meter. I understand the 897D to
>be a full duty radio that will transmit at 100 watts for reasonable periods of
>transmission. Assuming your SWR is good into the antenna, there should be no
>harm in this as far as I can see.
>
> > > > > Phil
> > > > > N3KDJ
> > > > > >
> > > > > >
> > > > > Cell 203-247-4412
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

30717. Re: [FT897] FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-07-30 19:35:47 UTC
From: Rob Stampfli
Topic: 30713 Message: 30717

On Fri, Jul 30, 2010 at 01:56:56AM -0400, Carl Wulfestieg wrote:
> Rob-
> That's easy- Just use "Band-Down-Up" to go back to the "non-standard band"- Then use the VFO to tune into a ham band- You'll find the "non-standard-band" has disappeared- Of course you may now have two of the "same" ham bands- Like two 20 Meter bands- Or two 40 Meter bands- It's just the way the 897 works- I just live with it-
> This same thing will happen whenever you tune to a "strange" band- It will always be there- Just use the above to get away from it- Good Luck-

Thanks for the suggestion, Carl, but my 897D doesn't seem to work that way: If I do dial up into the next ham band and then hit the UP button, it takes me to the next higher band in the sequence. If I hit the DWN button, it takes me back to where I started -- to the band and frequency I don't want.

The algorithm seems to be that Yaesu divides its receive spectrum up into many bands: (1) ham bands and (2) the areas between the ham bands, which are linked into a circular list. The ham bands are initialized (on RESET) with the frequency which is the start of that band, and the non-ham-bands to some NULL value, which is skipped. When you use the UP/DWN buttons, the programming determines which band the current frequency is in and stores that frequency and some other details (like mode) in that band's list entry, so if you later go back to that band, you're right where you were the last time you left it. (That's convenient.) However, if you use the UP/DWN buttons from a non-ham band, it overwrites the initial NULL with the frequency you were at, and then it becomes part of the sequence, presumably forever.

What I'd like is to be able to NULL out a band, so it is removed from the search sequence, but I've yet to figure out how to do this.

Thanks again,
Rob

30718. Re: [FT897] FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-07-30 21:17:26 UTC
From: Carl Wulfestieg
Topic: 30713 Message: 30718

Rob-
In your manual, look at the section "Operating Band Selection". In my manual, it is on page 20. There is a "circular" diagram showing how BAND(DWN) or BAND(UP) moves from one band to the next. Maybe that will help to explain it.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30719. Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-07-31 13:46:43 UTC
From: michael.dunthorne
Topic: 30719 Message: 30719

Now that time permits, I am trying to get more /m contacts however no matter what I try I keep getting s9+ noise from my car.

I connect the FT897 via the cigarette socket in the dash but when the engine is running I can not hear anything but QRM at over S9. I have tried switching the car off and the noise drops away but I am worried that after a good QSL that the battery wont have enough juice left to start the car. Plus I didnt want to risk any damage to the battery. Can anyone offer me any advice on how to get a good mobile setup for my FT897 that fits into an 04 Fiat Punto.

At the moment I am using a Watson 80m whip and a tri-mag mount.

Thanks for any advice

Mick
2E1FQO

30720. Re: [FT897] Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-07-31 14:24:38 UTC
From: af2c@njdxa.org
Topic: 30719 Message: 30720

GM Mick -

Your first mistake is utilizing the cigarette socket. It is really not a sufficient power source and may also pickup noise from the instrument cluster.

You haven't mentioned the antenna configuration...Mount location and grounding.

Best bet is a direct run of #12 or #10 stranded wire from your battery terminals to the rig. Presuming the plug wires, alternator etc. are in good shape, most of your noise problem should disappear.

Running ground straps from the bonnet (hood) to the body might also help. If the antenna is on the boot (trunk), I would also suggest a ground strap from the lid to the body of the vehicle. Of course the best place for the antenna is always center of the roof, but with an 80m whip, this would be impractical. :-)))

73,
Jay/AF2C

At 01:46 PM 7/31/2010 +0000, you wrote:
>
>
>Now that time permits, I am trying to get more /m contacts however no
>matter what I try I keep getting s9+ noise from my car.
>
>I connect the FT897 via the cigarette socket in the dash but when the
>engine is running I can not hear anything but QRM at over S9. I have tried
>switching the car off and the noise drops away but I am worried that after
>a good QSL that the battery wont have enough juice left to start the car.
>Plus I didnt want to risk any damage to the battery. Can anyone offer me
>any advice on how to get a good mobile setup for my FT897 that fits into
>an 04 Fiat Punto.
>
>At the moment I am using a Watson 80m whip and a tri-mag mount.
>
>Thanks for any advice
>
>Mick
>2E1FQO

30721. Re: Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-07-31 14:49:02 UTC
From: michael.dunthorne
Topic: 30719 Message: 30721

Thanks Jay,

The antenna is a single band whip connected to a 3 magnet base that I put in the center of the roof. The Punto has quite a steep boot so not sure if its worth putting any straps here but the bonnet can be strapped to the body, I'm guessing that any form of connection will be better than relying on the hinge.

I'm going to go and try to gonnect direct to the car battery now. Wish me luck hi

73
Mick

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> GM Mick -
>
> Your first mistake is utilizing the cigarette socket. It is really not a
> sufficient power source and may also pickup noise from the instrument cluster.
>
> You haven't mentioned the antenna configuration...Mount location and grounding.
>
> Best bet is a direct run of #12 or #10 stranded wire from your battery
> terminals to the rig. Presuming the plug wires, alternator etc. are in
> good shape, most of your noise problem should disappear.
>
> Running ground straps from the bonnet (hood) to the body might also
> help. If the antenna is on the boot (trunk), I would also suggest a ground
> strap from the lid to the body of the vehicle. Of course the best place
> for the antenna is always center of the roof, but with an 80m whip, this
> would be impractical. :-)))
>
> 73,
> Jay/AF2C
>
>
>
>
> At 01:46 PM 7/31/2010 +0000, you wrote:
> >
> >
> >Now that time permits, I am trying to get more /m contacts however no
> >matter what I try I keep getting s9+ noise from my car.
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> >engine is running I can not hear anything but QRM at over S9. I have tried
> >switching the car off and the noise drops away but I am worried that after

> >a good QSL that the battery wont have enough juice left to start the car.
> >Plus I didnt want to risk any damage to the battery. Can anyone offer me
> >any advice on how to get a good mobile setup for my FT897 that fits into
> >an 04 Fiat Punto.
> >
> >At the moment I am using a Watson 80m whip and a tri-mag mount.
> >
> >Thanks for any advice
> >
> >Mick
> >2E1FQO
>

30722. Re: [FT897] Re: Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-07-31 15:17:31 UTC
From: Alan E. Lutz
Topic: 30719 Message: 30722

Mick,

I suspect that the noise is coming from the engine electronics. I ran into the same situation as you a few weeks ago when I was testing a 2-meter Moxon for a 2-meter AM net we do here locally. I was connected directly to the battery. When I notice the voltage going down, I started the engine. The noise was so bad I had to sign off for a bit while I charged up. The noise was only present when the engine was running. With the engine off and the ignition switch on (read everything else was powered up) the noise went away. I do not have this problem with the FT-1900 that's installed in the same vehicle and it is connected to the lighter socket.

I do think you should go ahead and connect the 897 direct to the battery, though so you can get full power to the rig.

73 de Alan
AE1NH

----- Original Message -----
From: michael.dunthorne
To: FT897@yahoogroups.com
Sent: Saturday, July 31, 2010 10:49 AM
Subject: [FT897] Re: Mobile Installation HELP

Thanks Jay,

The antenna is a single band whip connected to a 3 magnet base that I put in the center of the roof. The Punto has quite a steep boot so not sure if its worth putting any straps here but the bonnet can be strapped to the body, I'm guessing that any form of connection will be better than relying on the hinge.

I'm going to go and try to gonnect direct to the car battery now. Wish me luck hi

73
Mick

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> GM Mick -
>
> Your first mistake is utilizing the cigarette socket. It is really not a
> sufficient power source and may also pickup noise from the instrument cluster.
>
> You haven't mentioned the antenna configuration...Mount location and grounding.
>
> Best bet is a direct run of #12 or #10 stranded wire from your battery
> terminals to the rig. Presuming the plug wires, alternator etc. are in
> good shape, most of your noise problem should disappear.

>
> Running ground straps from the bonnet (hood) to the body might also
> help. If the antenna is on the boot (trunk), I would also suggest a ground
> strap from the lid to the body of the vehicle. Of course the best place
> for the antenna is always center of the roof, but with an 80m whip, this
> would be impractical. :-)))
>
> 73,
> Jay/AF2C
>
>
>
>
> At 01:46 PM 7/31/2010 +0000, you wrote:
> >
> >
> >Now that time permits, I am trying to get more /m contacts however no
> >matter what I try I keep getting s9+ noise from my car.
> >
> >I connect the FT897 via the cigarette socket in the dash but when the
> >engine is running I can not hear anything but QRM at over S9. I have tried
> >switching the car off and the noise drops away but I am worried that after
> >a good QSL that the battery wont have enough juice left to start the car.
> >Plus I didnt want to risk any damage to the battery. Can anyone offer me
> >any advice on how to get a good mobile setup for my FT897 that fits into
> >an 04 Fiat Punto.
> >
> >At the moment I am using a Watson 80m whip and a tri-mag mount.
> >
> >Thanks for any advice
> >
> >Mick
> >2E1FQO
>

[Non-text portions of this message have been removed]

30723. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-07-31 20:45:12 UTC
From: bragucci
Topic: 30633 Message: 30723

I wanted to share my experience with HRD. I could not get the app to connect with my laptop. I tried all combos of settings but it wouldn't connect. I was about to give up but had one idea. I brought the laptop to work and asked the IT guys if they could test the serial port. They used a loop back plug and diags and tested the DP9 serial port. Sure enough the port was bad, it failed all the transmit and receive tests. I borrowed another laptop and HRD connected fine. I wanted to share this to help anyone with HRD connection problems to check the DP9 port. I almost had given up!
Thx
Bart

--- In FT897@yahoogroups.com, "Alan E. Lutz" <lutz48@...> wrote:
>
>
>
> Harry,
>
>
>
> FWIW, I am running HRD and am connected to the FT-897D with the USB to CAT cable, USB-62, as Â supplied by RT Systems Inc. specifically for this radio.Â I followed thier directions and installed the RTS driver.Â Using the RTS routine I determined that the USB and driver would emulate serial port 5 and set things up accordingly.Â I also experienced the HRD and radio disconnecting.Â When it happens, HRD han gs up so bad that I can not stop the program.Â In talking with a fellow ham locally who is also expert in computers, he has Â suggested to me that M/S doesn't play well with com ports above the first 4 and that this could be the problem.Â So farÂ I have not been able to resolve this.
>
>
> 73 de Alan
>
> AE1NH
>
>
> ----- Original Message -----
> From: "harry latterman" <harrylatterman@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, July 21, 2010 12:04:26 AM
> Subject: [FT897] Re: CAT problem AAAAHHHHH! Update
>
> Â
>
>
> 73 de Alan
>
> AE1NH

>
>
> ----- Original Message -----
> From: "harry latterman" <harrylatterman@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, July 21, 2010 12:04:26 AM
> Subject: [FT897] Re: CAT problem AAAAHHHHH! Update
>
> Â
>
>
>
>
> Bob,
>
> Thanks for your suggestion. I did download the driver and removed the Radio Shack installed one. Much to my surprised once the driver was loaded in now comes up as Gigaware and not Radio Shack. So guess it must be compatible. That's the good news, the bad news is I still can not get Clone to come up. Also running FTBCAT works briefly and drops out and so does Virtual Legacy Radio. I am on yet another computer and have not loaded HRD on it as of yet.
>
> I have observed that the above softeware runs more stable at the highest com speed. I pulled the CT-62 appart and check some voltages and did find that when the software would stop running the the bias (power for the translator) dropped. Soooooo I built a 2 transistor circuit with higher voltage levels and taking the power from the 897 and not the usb/rs-232 cable. Well the two memtioned software worked a lot longer, but still dropped out and would not re-sync unless a full power down and restart.
>
> I really am starting to think it is the 897 but not sure what would cause the radio to all of a sudden drop the CAT port or do something to the CAT port that was not intended. If you or anyone else has any suggestions let me know. In the meantime I plan this week-end to get this thing on a O-scope and see if I can catch any problems.
>
> If you or anyone has had a simular problem with or without a solution let me know ... thank you.
>
> 73
> Harry
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

30724. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-07-31 23:22:53 UTC
From: harry latterman
Topic: 30633 Message: 30724

Thank you for the feedback. My problem is a bit subtle. All of my computer (2-acer-one netbooks, Toshiba laptop and HP desktop) all have USB but no DB-9 port. So all serial com has to be run through converters. I have the one that came with my VX-3R software and the Gigaware that RS now stocks. It was recommended that I down load a driver called PL2303 for the XP and I did. I removed the RS driver and low and behold the driver recognized the product and listed as such.

But no luck. I can not get the FTbasicMM to force the radio into clone mod, thus the software I paid for, for memory management, has been a waste of money. I can get HRD and Virtual Radio to load and run but both randomly drop out. Basically the FT-897 CAT port looses it. Same for FTBCAT. That one sometime syncs and runs ... then also stops.

The only thing I have not tried is to dig up a old PC that still has serial ports and give it a try. I never, ever had this problem with any radios I have owned and traded i.e. FT-817, IC-703, 706, 817, FT-450, IC-756 to name a few. All I can say is the FT-897/D with filters, DSP, internal PS and LDG tuner is a great fun package. But using the CAT port totally sucks. I am glad that it is my knock around radio, and not my serious one. I'll stick with my IC-7200 and it's no brainer interface. One cheap USB A/B cable. Free download software and fully operations HRD, FLDigi, Digipan, etc in 30 minutes or less. NOT ONE CAT PROBLEM... EVER... So far my feeling is the FT-987 CAT design stinks.... BTW I did build two other different CAT ciruits with good RS-232 levels and they did not work either.

So maybe I have to pick up a 10 yr old laptop with BD-9.... but then again I probably will stick with ICOM unless someone can come up with a fix. Anyone have any other suggestions?????

Thank you again

73
Harry K7ZOV

[Non-text portions of this message have been removed]

30725. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-01 01:16:50 UTC
From: Damien Gardner Jnr
Topic: 30633 Message: 30725

harry latterman wrote:
> I can get HRD and Virtual Radio to load and run but both randomly drop out. Basically the FT-897 CAT port looses it.
>
Quick question.. - Does it just lose it randomly while you're receiving? or only after transmitting (or hitting tune on your ATU) ?

I've just replaced my garage PC, and gone from one in a shielded case sitting in a shielded rack, to a normal old desktop pc case sitting on a shelf above the workbench.. And all of a sudden i've gone from having a perfectly working PC, to having one which keeps losing USB devices 90% of the time I hit transmit or tune.. (which of course includes the USB Cat cable.) Un-plugging and re-plugging the Cat cable from the USB hub gets it showing a status LED on the hub again, but HRD seems a little un-friendly when its COM port dissappears, and won't even allow me to do a clean shutdown.. - have to turn the computer off at the wall, and power it back up to get HRD able to access the port again..

Having had this problem before, I'm 99% sure it's just a sheilding issue (note: none of my gear outside of my comms rack is tied to earth with anything other than the earth line in the power cable..), so when i get some time I'll be running a ground wire to the case of everything, and expect it to come good.. (it did last time I had this issue, which was mainly caused by the dealer I bought my antenna off (A 'TEV-1', an 8.5M tall vertical) swearing I had to have a 4:1 balun connected between it and the feedline.. Pulled teh balun out, and all of a sudden it wasn't so far out of match that the feedline ended up radiating, and everything came good.. Having just added a rotator, and moved the antenna up the a metre above that (so the guy wires which acted as radials are no longer at the base of the vertical, but about 1.5 metres below it, I'm guessing it's a combination of bad match on the antenna, and lack of good earthing in the shack here..

Anyway, sorry, I got rambling.. The main gist of my post was - if it's 'losing' the port only after transmitting, make sure everything is tied to earth, shove chokes around all your USB cables (even with everything 'sorted', I've always had to have a choke about 30cm down the cable from my microsoft optical mouse, or it'd turn off for about 10 seconds whenever i'd transmit..), and maybe even try shoving your USB hub (if you're not plugging in directly) inside a metal box.. - or wrap alfoil around your USB dongle, and make sure that's shielded..

Cheers,

DG

VK2TDG

30726. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-01 02:41:42 UTC
From: harry latterman
Topic: 30633 Message: 30726

This problem is common with all the software that I listed last time and in ALL case I never hit the xmit button. The USB to serial to CT-62 cable is plugged directly into the FT-897 CAT port. Two different manuf. USB to serial converters and 3 USB drivers have been tested. An no apparent serial handshaking for Cloning so the FTBasicMM memory manger can not sync up.

So this time no leaky RF just random drop if com port. Thanks anyway

73
Harry K7ZOV

[Non-text portions of this message have been removed]

30727. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-01 03:56:36 UTC
From: Dean Gibson AE7Q
Topic: 30633 Message: 30727

I'm coming into this discussion late (and have not read the entire thread), but note that there is a significant discussion on the "Ham Radio Deluxe" web site forums, about certain USB-to-serial converter (ie, those with "Prolific" brand chips) not working well with Windows 64-bit systems. I had the same problem (with both HRD and Icom software), and when I used a true serial port, the problems when away.

Note that the "Prolific" converter chip is very popular, and is in many manufacturer's products. Note also Icom apparently uses the "FTDI" brand of converter chip, which has a better reputation for reliability.

-- Dean / AE7Q

On 2010-07-31 19:41, harry latterman wrote:
> This problem is common with all the software that I listed last time and in ALL case I never hit the xmit button. The USB to serial to CT-62 cable is plugged directly into the FT-897 CAT port. Two different manuf. USB to serial converters and 3 USB drivers have been tested. An no apparent serial handshaking for Cloning so the FTBasicMM memory manger can not sync up.
>
> So this time no leaky RF just random drop if com port. Thanks anyway
>
> 73
> Harry K7ZOV
>
>

30728. Re: LDG AT-897 versus the 'plus'

Yahoo group: FT897 (2010)
Date: 2010-08-01 15:19:42 UTC
From: klokkenman
Topic: 30062 Message: 30728

I thought the repairing of my AT-897 non plus tuner was successfully, and mostly it operates just fine.
Strange enough my rig does not transmit with this tuner connected in the range of 28Mhz.
I key the tuner to tune, and it uses a stored setting. I thought that maybe a relay in this setting would, again, not respond correctly, and gives an open line in the RF circuit.
Using a vertical and a dipole it doesn't seem logical that both antennas are using the same settings.
The rig is responding the same at both, the vertical and the dipole.
I forced the tuner to search for new combinations, and kept it keyed for a few seconds.
After this reset the rig functions fine. But sometimes it will happens again. Is it an inbuilt protection in case the tuner fails tuning within specifications?
A local HAM operator did provide me the manual of the non plus version, but I can't find any information about this. The same happens at 50Mhz.
Is anyone having the same problems?

Rob

30729. Re:Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-08-01 16:26:40 UTC
From: David Okrent
Topic: 30719 Message: 30729

A couple of items that might help. First, agreed run power direct from the battery and fuse both lines. Second, if possible take an electric drill and twist the power lines. This will help reduce noise coming in from the power lines acting as an antenna for engine noise. Third, update you spark plug wire harness to a high quality and if possible shield type. Lastly, if you can get them and if it is possible in today's car to change them without pulling the engine trying finding resistive spark plugs. These are designed to reduce RF from the plugs.

Hope this helps a little.

David
W7DAO

30730. Re: [FT897] Re: Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-08-01 19:03:13 UTC
From: Curt Givens
Topic: 30719 Message: 30730

Mick, please be sure to fuse the positive side right at the battery. Fire Prevention

de Curt KC8STE/AAR5VR
73

--- On Sat, 7/31/10, michael.dunthorne <michael.dunthorne@...> wrote:

From: michael.dunthorne <michael.dunthorne@...>
Subject: [FT897] Re: Mobile Installation HELP
To: FT897@yahoogroups.com
Date: Saturday, July 31, 2010, 10:49 AM

Thanks Jay,

The antenna is a single band whip connected to a 3 magnet base that I put in the center of the roof. The Punto has quite a steep boot so not sure if its worth putting any straps here but the bonnet can be strapped to the body, I'm guessing that any form of connection will be better than relying on the hinge.

I'm going to go and try to gonnect direct to the car battery now. Wish me luck hi

73

Mick

--- In FT897@yahoogroups.com, af2c@... wrote:

>

> GM Mick -

>

> Your first mistake is utilizing the cigarette socket. It is really not a

> sufficient power source and may also pickup noise from the instrument cluster.

>

> You haven't mentioned the antenna configuration...Mount location and grounding.

>

> Best bet is a direct run of #12 or #10 stranded wire from your battery

> terminals to the rig. Presuming the plug wires, alternator etc. are in

> good shape, most of your noise problem should disappear.

>

> Running ground straps from the bonnet (hood) to the body might also
> help. If the antenna is on the boot (trunk), I would also suggest a ground
> strap from the lid to the body of the vehicle. Of course the best place
> for the antenna is always center of the roof, but with an 80m whip, this
> would be impractical. :-)))
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> 73,
> Jay/AF2C
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> At 01:46 PM 7/31/2010 +0000, you wrote:
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> >Now that time permits, I am trying to get more /m contacts however no
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> >switching the car off and the noise drops away but I am worried that after
> >a good QSL that the battery wont have enough juice left to start the car.
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> >any advice on how to get a good mobile setup for my FT897 that fits into
> >an 04 Fiat Punto.
> >
> >At the moment I am using a Watson 80m whip and a tri-mag mount.
> >
> >Thanks for any advice

> >

> >Mick

> >2E1FQO

>

[Non-text portions of this message have been removed]

30731. Re: Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-08-01 22:02:46 UTC
From: sargern2
Topic: 30719 Message: 30731

Go to: http://www.k0bg.com/
Alan, is to say the least, opinionated on somethings, however when it comes to mobile operations he will have the answer to most mobile problems someplace on his site!
I spent over a month reading thru the site before I went mobile and have had none of the problems you typically hear of in mobile operations.
Have a LONG look it'll be worth the time!
73's
Sarge, KE5OVT

--- In FT897@yahoogroups.com, "michael.dunthorne" <michael.dunthorne@...> wrote:
>
> Now that time permits, I am trying to get more /m contacts however no matter what I try I keep getting s9+ noise from my car.
>
> I connect the FT897 via the cigarette socket in the dash but when the engine is running I can not hear anything but QRM at over S9. I have tried switching the car off and the noise drops away but I am worried that after a good QSL that the battery wont have enough juice left to start the car. Plus I didnt want to risk any damage to the battery. Can anyone offer me any advice on how to get a good mobile setup for my FT897 that fits into an 04 Fiat Punto.
>
> At the moment I am using a Watson 80m whip and a tri-mag mount.
>
> Thanks for any advice
>
> Mick
> 2E1FQO
>

30732. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-01 23:21:37 UTC
From: taxman651
Topic: 30633 Message: 30732

I just bought a serial CT-62 cable on Ebay and run it through a serial to USB converter I had lying around. I set menu item 29 to "CAT" (I may have the menu item # wrong), and had to tweak the assigned Com port in device manager to match up to the one I had set in my logging program. At first the radio wasn't recognized. So I stepped down the serial port baud rate from 9600 to 4800 and wah lah, its works fine. I'm wondering if your problem my be related to the baud rate?

Bob
K1tax
--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:
>
> Thank you for the feedback. My problem is a bit subtle. All of my computer (2-acer-one netbooks, Toshiba laptop and HP desktop) all have USB but no DB-9 port. So all serial com has to be run through converters. I have the one that came with my VX-3R software and the Gigaware that RS now stocks. It was recommended that I down load a driver called PL2303 for the XP and I did. I removed the RS driver and low and behold the driver recognized the product and listed as such.
>
> But no luck. I can not get the FTbasicMM to force the radio into clone mod, thus the software I paid for, for memory management, has been a waste of money. I can get HRD and Virtual Radio to load and run but both randomly drop out. Basically the FT-897 CAT port looses it. Same for FTBCAT. That one sometime syncs and runs ... then also stops.
>
> The only thing I have not tried is to dig up a old PC that still has serial ports and give it a try. I never, ever had this problem with any radios I have owned and traded i.e. FT-817, IC-703, 706, 817, FT-450, IC-756 to name a few. All I can say is the FT-897/D with filters, DSP, internal PS and LDG tuner is a great fun package. But using the CAT port totally sucks. I am glad that it is my knock around radio, and not my serious one. I'll stick with my IC-7200 and it's no brainer interface. One cheap USB A/B cable. Free download software and fully operations HRD, FLDigi, Digipan, etc in 30 minutes or less. NOT ONE CAT PROBLEM... EVER... So far my feeling is the FT-987 CAT design stinks.... BTW I did build two other different CAT ciruits with good RS-232 levels and they did not work either.
>
> So maybe I have to pick up a 10 yr old laptop with BD-9.... but then again I probably will stick with ICOM unless someone can come up with a fix. Anyone have any other suggestions?????
>
> Thank you again
>
> 73
> Harry K7ZOV
>
>
>
>

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>
> [Non-text portions of this message have been removed]
>

30733. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 00:24:04 UTC
From: Alan E. Lutz
Topic: 30633 Message: 30733

Bob,

Another question. How did you set the flow control? DTR or RTS?

Thnx,
73 de Alan
AE1NH

----- Original Message -----
From: taxman651
To: FT897@yahoogroups.com
Sent: Sunday, August 01, 2010 7:21 PM
Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

I just bought a serial CT-62 cable on Ebay and run it through a serial to USB converter I had lying around. I set menu item 29 to "CAT" (I may have the menu item # wrong), and had to tweak the assigned Com port in device manager to match up to the one I had set in my logging program. At first the radio wasn't recognized. So I stepped down the serial port baud rate from 9600 to 4800 and wah lah, its works fine. I'm wondering if your problem my be related to the baud rate?

Bob
K1tax
--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:

[Non-text portions of this message have been removed]

30734. Re: Mobile Installation HELP

Yahoo group: FT897 (2010)
Date: 2010-08-02 02:07:29 UTC
From: patecq
Topic: 30719 Message: 30734

on long trips in a suburban i use a hamstick with the 897 and power cord to the battery. i had severe noise but the noise blanker function knocked out the spark plug noise and allowed for many QSOs. also playing with AGC helped sometimes.
73 kc5slq

30735. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 03:06:14 UTC
From: harry latterman
Topic: 30633 Message: 30735

I set them every combination possible. I did discover that my RS Gigaware converter is a Prolfic design and my RTS-03 is a FTDI design...so much with both being the same. They both work the same. HRD and Virtual Radio work then drop out no matter what setting I use, and FTBasicMM will not push the radio into clone mod so I can not do any memory management. I love the radio is all way...but this CAT thing is really pissing me off....

--- On Sun, 8/1/10, Alan E. Lutz <lutz48@...> wrote:

From: Alan E. Lutz <lutz48@...>
Subject: Re: [FT897] Re: CAT problem AAAAHHHHH! Update
To: FT897@yahoogroups.com
Date: Sunday, August 1, 2010, 5:24 PM

Bob,

Another question. How did you set the flow control? DTR or RTS?

Thnx,

73 de Alan

AE1NH

----- Original Message -----

From: taxman651

To: FT897@yahoogroups.com

Sent: Sunday, August 01, 2010 7:21 PM

Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

I just bought a serial CT-62 cable on Ebay and run it through a serial to USB converter I had lying around. I set menu item 29 to "CAT" (I may have the menu item # wrong), and had to tweak the assigned Com port in device manager to match up to the one I had set in my logging program. At first the radio wasn't recognized. So I stepped down the serial port baud rate from 9600 to 4800 and wah lah, its works fine. I'm wondering if your problem my be related to the baud rate?

Bob

K1tax

--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30736. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 03:12:21 UTC
From: harry latterman
Topic: 30633 Message: 30736

Set to CAT, used all three baud rates. Now set for 4800. I have both converter designs. That is One is Proflic and the other is FTDI. I also went on line and found the latest drivers for both. NO luck. I am running XP home with SP3 and all 3 computers. (Desktop, Netbook, Dual-Core Toshiba Laptop). No luck...HRD runs for 2 to 10 minute (no xmit ever) then drops out. FTBaicMM memory manager will NOT go into clone so no memory management. Radio had full rest also and all fucntions are 100%. AAAAAHHHHHHH!!!!!

[Non-text portions of this message have been removed]

30737. RE: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 08:49:56 UTC
From: davekh@cix.co.uk
Topic: 30633 Message: 30737

Harry
If everything in the radio is ok, if the settings for the serial/usb converter is ok and if the driver software is ok -
all of which looks like they are from what you have said - it sounds like some other program might be using that virtual
com port and still running while you think its not - or just still running?

Is there anything else running - like a weather station or something you have on all your systems that you think might
have need to talk to the USB port or the USB/Serial port?

Perhaps look in the tast manager to see if anything you think isn't running - may still be?

73s Dave H
G0CER / KJ4QAO

==========
Original Message

Set to CAT, used all three baud rates. Now set for 4800. I have both converter designs. That is One is Proflic and the
other is FTDI. I also went on line and found the latest drivers for both. NO luck. I am running XP home with SP3 and all
3 computers. (Desktop, Netbook, Dual-Core Toshiba Laptop). No luck...HRD runs for 2 to 10 minute (no xmit ever) then
drops out. FTBaicMM memory manager will NOT go into clone so no memory management. Radio had full rest also and all
fucntions are 100%. AAAAAHHHHHHHH!!!!!

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30738. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 11:21:24 UTC
From: William
Topic: 30633 Message: 30738

Sounds like you have HRD working .. and then after 5-10 minutes you lose the COM port connection. I assume you are not running any other programs -- or trying to run FTBaic at same time as HRD -- and have the PC firewalls etc turned off.

Since this happens on all 3 PC's it appears your issue is with the CT62 cable and not with any radio or PC menu settings: most probably the cable is defective or not seated properly in the radio port.

I have an older CT62 cable (square rubber connector) and had to shave it with a razor into the proper round condition to get a good fit.

Sorry; I have no knowledge about FTBaic program. It's not clear what you mean by 'no transmit ever' -- hopefully you are not trying to get the CT62 to act as a TX/data-port cable.

Hope you get it working. My 897 has been flawless with 897/AT897 combo for years.

Bill W1WAB

--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:
>
> Set to CAT, used all three baud rates. Now set for 4800. I have both converter designs. That is One is Proflic and the other is FTDI. I also went on line and found the latest drivers for both. NO luck. I am running XP home with SP3 and all 3 computers. (Desktop, Netbook, Dual-Core Toshiba Laptop). No luck...HRD runs for 2 to 10 minute (no xmit ever) then drops out. FTBaicMM memory manager will NOT go into clone so no memory management. Radio had full rest also and all fucntions are 100%. AAAAAHHHHHHH!!!!!
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> [Non-text portions of this message have been removed]
>

30739. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 11:20:36 UTC
From: taxman651
Topic: 30633 Message: 30739

Using FTBCat v 2.0.7 and HRD (latest ver) I have both RTS and DTR checked, although both programs work fine with just RTS.

--- In FT897@yahoogroups.com, harry latterman <harrylatterman@...> wrote:
>
> I set them every combination possible. I did discover that my RS Gigaware converter is a Prolfic design and my RTS-03 is a FTDI design...so much with both being the same. They both work the same. HRD and Virtual Radio work then drop out no matter what setting I use, and FTBasicMM will not push the radio into clone mod so I can not do any memory management. I love the radio is all way...but this CAT thing is really pissing me off....
>
> --- On Sun, 8/1/10, Alan E. Lutz <lutz48@...> wrote:
>
> From: Alan E. Lutz <lutz48@...>
> Subject: Re: [FT897] Re: CAT problem AAAAHHHHH! Update
> To: FT897@yahoogroups.com
> Date: Sunday, August 1, 2010, 5:24 PM
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> Bob,
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> Another question. How did you set the flow control? DTR or RTS?
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>
>
> Thnx,
>
> 73 de Alan

>
> AE1NH
>
>
>
> ----- Original Message -----
>
> From: taxman651
>
> To: FT897@yahoogroups.com
>
> Sent: Sunday, August 01, 2010 7:21 PM
>
> Subject: [FT897] Re: CAT problem AAAAHHHHH! Update
>
>
>
> I just bought a serial CT-62 cable on Ebay and run it through a serial to USB converter I had lying around. I set menu item 29 to "CAT" (I may have the menu item # wrong), and had to tweak the assigned Com port in device manager to match up to the one I had set in my logging program. At first the radio wasn't recognized. So I stepped down the serial port baud rate from 9600 to 4800 and wah lah, its works fine. I'm wondering if your problem my be related to the baud rate?
>
>
>
> Bob
>
> K1tax
>
> --- In FT897@yahoogroups.com, harry latterman <harrylatterman@> wrote:
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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30740. Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-02 11:28:09 UTC
From: taxman651
Topic: 30633 Message: 30740

I have to agree....sounds like a cable issue.

--- In FT897@yahoogroups.com, "William" <wabarron@...> wrote:
>
> Sounds like you have HRD working .. and then after 5-10 minutes you lose the COM port connection. I assume you are not running any other programs -- or trying to run FTBaic at same time as HRD -- and have the PC firewalls etc turned off.
>
> Since this happens on all 3 PC's it appears your issue is with the CT62 cable and not with any radio or PC menu settings: most probably the cable is defective or not seated properly in the radio port.
>
> I have an older CT62 cable (square rubber connector) and had to shave it with a razor into the proper round condition to get a good fit.
>
> Sorry; I have no knowledge about FTBaic program. It's not clear what you mean by 'no transmit ever' -- hopefully you are not trying to get the CT62 to act as a TX/data-port cable.
>
> Hope you get it working. My 897 has been flawless with 897/AT897 combo for years.
>
> Bill W1WAB
>
>
> --- In FT897@yahoogroups.com, harry latterman <harrylatterman@> wrote:
> >
> > Set to CAT, used all three baud rates. Now set for 4800. I have both converter designs. That is One is Proflic and the other is FTDI. I also went on line and found the latest drivers for both. NO luck. I am running XP home with SP3 and all 3 computers. (Desktop, Netbook, Dual-Core Toshiba Laptop). No luck...HRD runs for 2 to 10 minute (no xmit ever) then drops out. FTBaicMM memory manager will NOT go into clone so no memory management. Radio had full rest also and all fucntions are 100%. AAAAAHHHHHHHH!!!!!
> >
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> > [Non-text portions of this message have been removed]
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>

30741. Re: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-08-03 01:52:35 UTC
From: David Richardson
Topic: 30633 Message: 30741

For what it's worth, I have problems with XP SP3 when attempting to add USB devices to my Lenovo which have not passed the 'Windows Logo Testing"(eg. my old Headset or old WebCam). Microsoft advise that the system may become unstable if I proceed with the installation.

So I installed the USB's anyway a couple of times to see what would happen. Although my HRD runs from a DB9 seial port at 4800 baud, it still crashes after a while and sometimes the computer crashes as well!

These devices work fine with XP SP2 on two other machines.

Fortunately, doing a System Restore returned everything to normal........

73, David, VH3BDK

From: harry latterman <harrylatterman@...>
To: FT897@yahoogroups.com
Sent: Mon, 2 August, 2010 1:12:21 PM
Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

Set to CAT, used all three baud rates. Now set for 4800. I have both converter designs. That is One is Proflic and the other is FTDI. I also went on line and found the latest drivers for both. NO luck. I am running XP home with SP3 and all 3 computers. (Desktop, Netbook, Dual-Core Toshiba Laptop). No luck...HRD runs for 2 to 10 minute (no xmit ever) then drops out. FTBaicMM memory manager will NOT go into clone so no memory management. Radio had full rest also and all fucntions are 100%. AAAAAHHHHHHH!!!!!

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[Non-text portions of this message have been removed]

30742. Re:Netbook

Yahoo group: FT897 (2010)
Date: 2010-07-30 13:39:58 UTC
From: Thom Stanfield
Topic: 30694 Message: 30742

I recently purchased an ASUS at Best Buy. It has a 12 hour battery, 2 meg ram and 250 gig hard drive. All for $330. I did buy a DVD burner for it for an additional $50.

I am loading it up with programs. The only draw back to Netbooks is that they all come with a clipped version of Windows 7 -- Starter Edition.

Thom
K0TPS Colorado

=

[Non-text portions of this message have been removed]

30743. Semi-Dead FT-897D

Yahoo group: FT897 (2010)
Date: 2010-08-01 02:36:17 UTC
From: tgpetri@bellsouth.net
Topic: 30743 Message: 30743

I have owned my 897D for about 2-3 years. Absolutely love the radio...use it in the shack when not using my FT-2000.

I turned the radio on today....cannot change bands with the BAND buttons, cannot change mode with the MODE buttons. The rig will not transmit with the microphone...cannot check CW since it is stuck in LSB. I tried several microprocessor resets as described in the manual (page 65 I think it is) with no luck. The radio stays disconnected from power and antennas when not in use.

The radio will receive, the VFO knob(s) will allow you tune/change frequency.

I will send the radio to Yaesu once I hear a response from the service center.

Any thoughts....I plan to keep the radio should the fix(s) not be all that expensive.

Glenn Petri
KE4KY

30744. RE: [FT897] Re: CAT problem AAAAHHHHH! Update

Yahoo group: FT897 (2010)
Date: 2010-07-31 23:56:08 UTC
From: Robert Tuck
Topic: 30633 Message: 30744

I purchased the ADMS-4BU Yaesu control software with the USB interface. It works perfectly with my Toshiba laptop. The software lets me load/save the radio information. The USB cable works great with Ham Radio Deluxe CAT control. The program and cable was $50 at HRO.

I have used this through the rear CAT jack and through an homemade adapter for the CAT function on the mic jack.

I use a SignalLink USB for the signal interface and a FoxDelta USB Rotator controller.

I run these USB items through a powered USB hub to reduce the load on my computer.

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of harry latterman
Sent: Saturday, July 31, 2010 7:23 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: CAT problem AAAAHHHHH! Update

Thank you for the feedback. My problem is a bit subtle. All of my computer (2-acer-one netbooks, Toshiba laptop and HP desktop) all have USB but no DB-9 port. So all serial com has to be run through converters. I have the one that came with my VX-3R software and the Gigaware that RS now stocks. It was recommended that I down load a driver called PL2303 for the XP and I did. I removed the RS driver and low and behold the driver recognized the product and listed as such.

But no luck. I can not get the FTbasicMM to force the radio into clone mod, thus the software I paid for, for memory management, has been a waste of money. I can get HRD and Virtual Radio to load and run but both randomly drop out. Basically the FT-897 CAT port looses it. Same for FTBCAT. That one sometime syncs and runs ... then also stops.

The only thing I have not tried is to dig up a old PC that still has serial ports and give it a try. I never, ever had this problem with any radios I have owned and traded i.e. FT-817, IC-703, 706, 817, FT-450, IC-756 to name a few. All I can say is the FT-897/D with filters, DSP, internal PS and LDG tuner is a great fun package. But using the CAT port totally sucks. I am glad that it is my knock around radio, and not my serious one. I'll stick with my IC-7200 and it's no brainer interface. One cheap USB A/B cable. Free download software and fully operations HRD, FLDigi, Digipan, etc in 30 minutes or less. NOT ONE CAT PROBLEM... EVER... So far my feeling is the

FT-987 CAT design stinks.... BTW I did build two other different CAT ciruits with good RS-232 levels and they did not work either.

So maybe I have to pick up a 10 yr old laptop with BD-9.... but then again I probably will stick with ICOM unless someone can come up with a fix. Anyone have any other suggestions?????

Thank you again

73
Harry K7ZOV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30745. Re: [FT897] Re:popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-30 16:54:02 UTC
From: Karl Denninger
Topic: 30638 Message: 30745

Seconded.

I get MUCH better results with this technique, although I keep my Signallink USB just out of ALC (no bars) and the power setting cranked open to 100 in the secondary menu. The "PWR" reading shows ~30w emitted when set up like this during transmit and those hearing me report that my signal is clean without splatter or IMD evident.

(Now to get a nice long stick up in the back yard with some radials as opposed to the dipole I'm running on now....)

Karl
KJ4WKV
(W3KSD as of 7/31)

Danny Loyd wrote:
>
>
> Stuart,
>
> I have found from experimenting lately that I get the best reports on
> my signal
> on the FT-897D in PSK if I have the RF set at 100W and adjust my
> Signalink USB
> to just barely having a indication on my ALC. Everyone tells me that
> my signal
> is much better. I was running the 897 at between 20 and 40W and people
> kept
> telling me that my data was dropping out. Now I don't seem to have
> that problem
> unless the props are real nasty.
>
> Danny
> KE5WDI
>
>
>

[Non-text portions of this message have been removed]

30746. Re: popping noise smell of smoke.

Yahoo group: FT897 (2010)
Date: 2010-07-30 19:32:29 UTC
From: kd8dey
Topic: 30638 Message: 30746

"Now that you have the rig set up properly for voice you can set the audio drive level from your computer to your rig.

Do not change your basic mic. settings.
Turn off your rig's speech compressor. Confirm that your RF drive/transmit power control set to maximum.

Double click the little yellow speaker icon in your computer's system tray.

Adjust the master volume control (the one on the left) and the wave volume as high as needed
to drive your rig properly; generally between 1/4 and 3/4 of the way up. The RIGblaster's "audio level" control is used to match the computer to the radio, a one time setting.

Set all of these controls so that none are near all of the way up or down. Remember that all of the adjustments are all cascaded (in series), and they all interact.

Your final setting should produce approximately 50% RF power output from your radio.

Warning: you should not exceed the AM, FM or RTTY power ratings of your radio.

After all settings are completed, check to make sure your ALC meter is below limiting.

Note that if you run your sound card at maximum, and the RIGblaster level turned way down,you will have distortion from your sound card and a poor quality signal." Quote -> west mountain radio nomic manual

30747. Re: FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-08-01 08:49:29 UTC
From: colin.bell99
Topic: 30713 Message: 30747

Rob,

I've found to remove an out of hamband band I change the VFO frequency to somewhere out of the way.

eg:

Been listening around 8.6mhz I find that if I go from 7mhz to 10mhz I step through 8.6. If I now listen on 31mhz then step down to 10mhz the next step is now 7mhz. Now if I go from 28mhz to 50mhz I have 31mhz in the band sequence. I keep the sequence there. When I've been listening around I make sure I always go back to 31mhz.

Hope this is clear and is the answer to your question.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> I'm a relatively new owner of an FT-897D. One thing I've noticed
> is that if you tune to a frequncy outside the ham bands, and then
> use the band UP/DWN buttons to jump from there to the next higher
> or lower band, it appears the 897 remembers where you came from
> and inserts the new "band" in the sequence that is traversed by
> the UP/DWN buttons.
>
> For instance, if I dial down to the AM broadcast band and listen
> to a station there, and then jump back to 160m, I find that, on
> that and only that VFO, the AM broadcast band has been "activated"
> and forever becomes a part of the UP/DWN search sequence.
>
> My question: Is there some way (short of a full reset of the 897,
> which works) to remove these non-standard bands? I like to listen
> to unusual frequencies occasionally, but I'd prefer not to have to
> traverse these non-ham bands forever more after having done so.
>
> Any ideas? Am I missing something obvious?
>
> Thanks in advance,
> Rob / KD8WK
>

30748. Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-02 20:38:09 UTC
From: B Young
Topic: 30748 Message: 30748

Hello FT-897 Group,

I was thinking of enabling the speech processor on the FT-897D. Has anybody used the speech processor? What type of results (audio reports have you received?) Does it make any difference being enabled in pile-ups? If so, what settings for the speech processor did you use?

73,
Barry
K9BAY

[Non-text portions of this message have been removed]

30749. CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-07-30 21:51:50 UTC
From: Richard Harrison
Topic: 30749 Message: 30749

Strongly considering purchase of 897D for primary use on CW and secondarily data; but do not want to shell out more big bucks for narrow filters. Question: is the dsp filtering adjustable and narrow enough for contest level cw?

Tks, de Rich/n2JR

Sent from my iPad...R. Harrison

30750. Re: [FT897] Re: FT-897D adds non-ham bands to UP/DWN band-scan sequence...

Yahoo group: FT897 (2010)
Date: 2010-08-03 05:53:32 UTC
From: Rob Stampfli
Topic: 30713 Message: 30750

Thanks Colin! After I posted my original query, I did observe that
the extra bands that had been integrated into the band UP/DWN sequence
seemed "fluid" in that they changed and moved from time to time. As
you state, (and on further investigation) it seems that there is one
"floating" band. Actually, this is a pretty nifty feature. I just
wish Yaesu had taken the time to document it correctly in their manual.

(For now, I've been setting my floating band to 15 Mhz, which is our
WWV time standard frequency.)

Thanks again,
Rob

On Sun, Aug 01, 2010 at 08:49:29AM -0000, colin.bell99 wrote:
> Rob,
>
> I've found to remove an out of hamband band I change the VFO frequency to somewhere out of the way.
>
> eg:
>
> Been listening around 8.6mhz I find that if I go from 7mhz to 10mhz I step through 8.6. If I now listen on 31mhz then step down to 10mhz the next step is now 7mhz. Now if I go from 28mhz to 50mhz I have 31mhz in the band sequence. I keep the sequence there. When I've been listening around I make sure I always go back to 31mhz.
>
> Hope this is clear and is the answer to your question.
>
> 73 de Colin 2E0BPP
>
> --- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
> >
> > I'm a relatively new owner of an FT-897D. One thing I've noticed
> > is that if you tune to a frequncy outside the ham bands, and then
> > use the band UP/DWN buttons to jump from there to the next higher
> > or lower band, it appears the 897 remembers where you came from
> > and inserts the new "band" in the sequence that is traversed by
> > the UP/DWN buttons.
> >
> > For instance, if I dial down to the AM broadcast band and listen
> > to a station there, and then jump back to 160m, I find that, on
> > that and only that VFO, the AM broadcast band has been "activated"
> > and forever becomes a part of the UP/DWN search sequence.
> >

> > My question: Is there some way (short of a full reset of the 897,
> > which works) to remove these non-standard bands? I like to listen
> > to unusual frequencies occasionally, but I'd prefer not to have to
> > traverse these non-ham bands forever more after having done so.
> >
> > Any ideas? Am I missing something obvious?
> >
> > Thanks in advance,
> > Rob / KD8WK
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30751. FT-897D Tricks of the Trade sequence...

Yahoo group: FT897 (2010)
Date: 2010-08-03 06:06:56 UTC
From: Rob Stampfli
Topic: 30751 Message: 30751

Here's something I've figured out about the 897 that may be of interest to some of you:

Rather than using the "F" key to enter the Multi-Function select, I've been using the DSP key. Not only is it physically adjacent to the MEM/VFO knob, but it forces the rig to row "p", which sets a known starting point for my search. So, for instance, to get the the IPO/ATT keys, I hit DSP and then spin the MEM/VFO three clicks CCW. To get to the KYR, it's DSP and six clicks CCW. VOX is DSP + 5 clicks CW.

Memorize those combinations for keys you regularly use, and you can operate these function almost without any visual feedback at all.

What other neat tricks have you FT-897 owners figured out concerning the operation of the rig?

Rob

30752. FT-897 and Ham Radio Deluxe sequence...

Yahoo group: FT897 (2010)
Date: 2010-08-03 06:21:53 UTC
From: Rob Stampfli
Topic: 30752 Message: 30752

For those using their 897 with HRD or a similar computer driven program, I'm interested in the following: It appears HRD has no way of turning the IPO and ATT functions on and off. It also apparently has no way to flip the RF-Gain and Squelch functionality (what the secondary pot of the Volume Control controls).

I understand the 897 probably doesn't export computer control of the Memory functions, and since the Volume and RF-Gain/Squelch control are actual pots instead of pulsers, these functions are no doubt incapable of being controlled by the computer, too.

But, are there really no computer commands that allow for selecting IPO, ATT, and RF-Gain vs. Squelch functionality? Or, for that matter, things like BK?

Finally, if you prefer another control program to HRD, I'd be interested in which on you use and why.

Inquiring minds...

Rob / KD8WK

30753. Re: [FT897] CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-03 06:51:43 UTC
From: Jim Henry
Topic: 30749 Message: 30753

No, not in my opinion

73 de Jim, GI0DVU
http://gi0dvu.co.uk

Keep Safe: Use Hands Free if mobile.

[Non-text portions of this message have been removed]

30754. Re: [FT897] Semi-Dead FT-897D

Yahoo group: FT897 (2010)
Date: 2010-08-03 07:34:23 UTC
From: Unit365
Topic: 30743 Message: 30754

Do a full reset of the 897D before sending it to yaesu.

73's
F4FQH

From: tgpetri@...
Sent: Sunday, August 01, 2010 4:36 AM
To: FT897@yahoogroups.com
Subject: [FT897] Semi-Dead FT-897D

I have owned my 897D for about 2-3 years. Absolutely love the radio...use it in the shack when not using my FT-2000.

I turned the radio on today....cannot change bands with the BAND buttons, cannot change mode with the MODE buttons. The rig will not transmit with the microphone...cannot check CW since it is stuck in LSB. I tried several microprocessor resets as described in the manual (page 65 I think it is) with no luck. The radio stays disconnected from power and antennas when not in use.

The radio will receive, the VFO knob(s) will allow you tune/change frequency.

I will send the radio to Yaesu once I hear a response from the service center.

Any thoughts....I plan to keep the radio should the fix(s) not be all that expensive.

Glenn Petri
KE4KY

[Non-text portions of this message have been removed]

30755. Re: [FT897] Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-03 08:13:20 UTC
From: Richard Corfield
Topic: 30748 Message: 30755

I've not used the internal one. I did use an external Behringer Shark 110 with one of their vocal mics to very good effect. It just needs a permanent shack setup to leave that kind of kit laid out.

- Richard (M0RJC)

On 2 August 2010 21:38, B Young <youngbar0978@...> wrote:

>
>
> Hello FT-897 Group,
>
> I was thinking of enabling the speech processor on the FT-897D. Has anybody
> used the speech processor? What type of results (audio reports have you
> received?) Does it make any difference being enabled in pile-ups? If so,
> what settings for the speech processor did you use?
>
> 73,
> Barry
> K9BAY
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30756. Re: [FT897] Semi-Dead FT-897D

Yahoo group: FT897 (2010)
Date: 2010-08-03 09:23:26 UTC
From: Carl Wulfestieg
Topic: 30743 Message: 30756

Glenn- Just a thought- Check to see if any cords plugged in the back are fully seated- Also, check to see if any items plugged in, like keys, are "on" or closed- Good luck- 73 Carl WZ4CW

[Non-text portions of this message have been removed]

30757. Re: [FT897] CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-03 13:19:54 UTC
From: af2c@njdxa.org
Topic: 30749 Message: 30757

Rich -

In my humble opinion there is no substitute for a CW filter.

Although my prime rigs are a Drake TR7 with CW filter(s) and a FT1000D loaded with filters, my FT857D's both have Inrad CW filters. I've operated the 857Ds without the filters (relying filtering available in the rig) and there is no comparison.

If you like to operate CW as a main mode...Invest in the filter. The filters are "plug and play" and very easy to install...No soldering.

I would suggest an Inrad 500Hz filter...The 300Hz is bit too narrow.

73,
Jay/AF2C

At 05:51 PM 7/30/2010 -0400, you wrote:
>
>
>Strongly considering purchase of 897D for primary use on CW and
>secondarily data; but do not want to shell out more big bucks for narrow
>filters. Question: is the dsp filtering adjustable and narrow enough for
>contest level cw?
>
>Tks, de Rich/n2JR
>
>Sent from my iPad...R. Harrison

[Non-text portions of this message have been removed]

30758. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-03 15:18:45 UTC
From: g8ubj
Topic: 30749 Message: 30758

Agree,
A filter is essential for CW/RTTY operating.

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Rich -
>
> In my humble opinion there is no substitute for a CW filter.
>
> Although my prime rigs are a Drake TR7 with CW filter(s) and a FT1000D
> loaded with filters, my FT857D's both have Inrad CW filters. I've operated
> the 857Ds without the filters (relying filtering available in the rig) and
> there is no comparison.
>
> If you like to operate CW as a main mode...Invest in the filter. The
> filters are "plug and play" and very easy to install...No soldering.
>
> I would suggest an Inrad 500Hz filter...The 300Hz is bit too narrow.
>
> 73,
> Jay/AF2C
>
>
>
> At 05:51 PM 7/30/2010 -0400, you wrote:
> >
> >
> >Strongly considering purchase of 897D for primary use on CW and
> >secondarily data; but do not want to shell out more big bucks for narrow
> >filters. Question: is the dsp filtering adjustable and narrow enough for
> >contest level cw?
> >
> >Tks, de Rich/n2JR
> >
> >Sent from my iPad...R. Harrison
>
>
>
> [Non-text portions of this message have been removed]
>

30759. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-04 01:32:55 UTC
From: Steve Yates
Topic: 30749 Message: 30759

Rich,

I agree with the other posters. However, using the FT-897D's DSP filters is no different then using audio filters that were popular with rigs from the 70's. Keep the RF Gain throttled back so that the AGC doesn't get pumped by signals outside of the filter's bandpass and you can often get by pretty well.

73,
Steve - AA5TB

30760. Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-04 16:39:41 UTC
From: Clark
Topic: 30748 Message: 30760

Sure. I use it all the time (fairly low setting, but enough to raise the average power a bit) and it seems to make a difference on the other side.

Clark
WA3JPG

30761. Re: Semi-Dead FT-897D

Yahoo group: FT897 (2010)
Date: 2010-08-03 23:07:04 UTC
From: tgpetri@bellsouth.net
Topic: 30743 Message: 30761

I did the full reset...several times....no luck.

The radio is not connected to any computer or CAT system.

I have already sent it to Yaesu in CA....hopefully in 2 weeks or so I will have an answer.

I love the radio...just wondering if anyone else heard of a similar problem.

Thanks

Glenn
KE4KY

30762. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-04 17:29:53 UTC
From: Richard Harrison
Topic: 30749 Message: 30762

"I agree with the other posters. However, using the FT-897D's DSP filters is no different then using audio filters that were popular with rigs from the 70's. Keep the RF Gain throttled back so that the AGC doesn't get pumped by signals outside of the filter's bandpass and you can often get by pretty well."

Just like my FT-970. Thanks for your cogent remarks.
de Rich/N2JR

Sent from my iPad...R. Harrison

[Non-text portions of this message have been removed]

30763. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-04 17:24:16 UTC
From: Richard Harrison
Topic: 30749 Message: 30763

Thanks Jay for taking the time to respond. I have 300Hz filters in my 920 and 817. If I pounce on an 857, will opt for the 500Hz filters.
de Rich/N2JR

Sent from my iPad...R. Harrison

30764. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-04 17:26:45 UTC
From: Richard Harrison
Topic: 30749 Message: 30764

"Agree,
A filter is essential for CW/RTTY operating."

Sir, thank you for your input.

Sent from my iPad...R. Harrison

[Non-text portions of this message have been removed]

30765. Re: [FT897] Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-04 19:52:43 UTC
From: B Young
Topic: 30748 Message: 30765

Can you please give me an example of the settings you are using? And what kind of natural voice pattern you have (loud, soft, midrange, etc) ?

Thanks!

Barry
K9BAY

On Wed, Aug 4, 2010 at 12:39 PM, Clark <csturner@...g> wrote:

>
>
> Sure. I use it all the time (fairly low setting, but enough to raise the
> average power a bit) and it seems to make a difference on the other side.
>
> Clark
> WA3JPG
>
>
>

[Non-text portions of this message have been removed]

30766. Motorhome antenna

Yahoo group: FT897 (2010)
Date: 2010-08-05 14:10:41 UTC
From: nsdienes
Topic: 30766 Message: 30766

Have attached my ATAS-120A to my motorhome ladder which is not grounded to the chassis. I have three options: run a 10 gauge wire or 1/4 inch braid thru the inside of the ladder from the mount to the chassis, ground the ladder to the chassis, or both. Any ideas or suggestions? Thanks,

Nick Dienes
K0VYY

30767. Re: [FT897] Motorhome antenna

Yahoo group: FT897 (2010)
Date: 2010-08-05 14:53:52 UTC
From: John Faughn
Topic: 30766 Message: 30767

Do the braid , mount to chassis & frame , use cooper antiseze also , to keep the connection working longer , outside connection have a habit of corroding .

On Thu, Aug 5, 2010 at 9:10 AM, nsdienes <nsdienes@...> wrote:

>
>
> Have attached my ATAS-120A to my motorhome ladder which is not grounded to
> the chassis. I have three options: run a 10 gauge wire or 1/4 inch braid
> thru the inside of the ladder from the mount to the chassis, ground the
> ladder to the chassis, or both. Any ideas or suggestions? Thanks,
>
> Nick Dienes
> K0VYY
>
>
>

[Non-text portions of this message have been removed]

30768. Re: [FT897] Motorhome antenna

Yahoo group: FT897 (2010)
Date: 2010-08-05 15:02:40 UTC
From: af2c@njdxa.org
Topic: 30766 Message: 30768

Nick -

I prefer the 10 gauge. However the braid is much more flexable.

One problem with the braid would be oxidation. Braid, normally tinned copper, will eventually oxidize and in some cases form tiny crystals in the weave. The crystal can, and sometimes, do rectify unwanted signals and noise.

The 10 gauge should have a jacket and the ends weather protected if possible. Another option is to purchase coated/jacketed braid (expensive but worth it.

73,
Jay/AF2C

At 02:10 PM 8/5/2010 +0000, you wrote:
>
>
>Have attached my ATAS-120A to my motorhome ladder which is not grounded to
>the chassis. I have three options: run a 10 gauge wire or 1/4 inch braid
>thru the inside of the ladder from the mount to the chassis, ground the
>ladder to the chassis, or both. Any ideas or suggestions? Thanks,
>
>Nick Dienes
>K0VYY

30769. Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 15:24:30 UTC
From: michael.dunthorne
Topic: 30769 Message: 30769

I don't know if this is the correct place to put such a request but I am starting to run out of ideas.

I am a Local Authorities Tenant and I am hoping to put up a G5RV or similar wire dipole, however my landlord (the local authority) are refusing to grant me permission until they have received written confirmation, ideally an independent engineers report, stating that the physical structure of a wire antenna will not cause Television Interference.

I do not expect anyone to state that whilst on transmit this will be the case due to all the contributing factors involved.

What I am asking, well actually begging is that anyone who is licensed, to email me direct to state that a piece of wire that hangs in the air cannot cause TVI.

I would be extremely grateful for anyone/everyone assistance.

Thank you for your time and I look forward to hearing from you soon.
73
2E1FQO
Mick Dunthorne
michael.dunthorne@...

30770. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 16:09:09 UTC
From: Charles Scott
Topic: 30769 Message: 30770

Mick:

I'll bite on this one as a Ham operator for 40+ years and as an FCC licensed first class communications engineer and state unequivocally that "a piece of wire that hangs in the air cannot cause TVI", that is in and off itself. There are basically three ways in which you would potentially have TVI from such an antenna.

The first is if there are any issues with construction that resulted in marginal connections or partial contact with other conductors. In that case, it could become a source of TVI due to non-linear mixing at those marginal contact points of transmissions from other nearby transmitters (even when you're not transmitting). Frankly the likelihood of that is extremely low if you do a good job of installing it.

The second, which is not due to the antenna itself but due to your operations close to other consumer electronics, is that your equipment that is connected to the antenna may generate low-level spurious emissions that could cause interference to the nearby consumer electronics. This may happen even if your equipment is fully within specification and it depends on laws in your country and community as to whether you may be responsible for this interference.

The third is that much consumer electronics are not designed to be operated in proximity to transmitters and may simply not be able to handle the signals they receive without creating the interfering signals internally or simply overloading. Again, it may depend on the laws and regulations that affect you as to whether you are responsible or if you may be subject to "quiet hours".

This all brings up the question as to whether it's better for you to have an external antenna of some sort or be forced to use some antenna configuration within your unit. My opinion is that it's clearly better to have the antenna farther away from other tenants and their electronics and any of their TV and radio antennas. In this respect, a properly placed, oriented, and installed wire antenna on the roof or otherwise outside and way from the building may actually minimize the problems relative to you putting something like a "slinky dipole" on a wall inside.

I hope this helps. You may want to solicit assistance from a local radio club who would be more familiar with your area, but in general the above information should be helpful.

Chuck - N8DNX

On 8/5/2010 11:24 AM, michael.dunthorne wrote:
> I don't know if this is the correct place to put such a request but I am starting to run out of ideas.
>
> I am a Local Authorities Tenant and I am hoping to put up a G5RV or similar wire dipole, however my landlord (the local authority) are refusing to grant me permission until they have received written confirmation, ideally an independent engineers report, stating that the physical structure of a wire antenna will not cause Television Interference.
>
> I do not expect anyone to state that whilst on transmit this will be the case due to all the contributing factors involved.
>
> What I am asking, well actually begging is that anyone who is licensed, to email me direct to state that a piece of wire that hangs in the air cannot cause TVI.
>
> I would be extremely grateful for anyone/everyone assistance.
>
> Thank you for your time and I look forward to hearing from you soon.
> 73
> 2E1FQO
> Mick Dunthorne
> michael.dunthorne@...
>

30771. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 16:36:43 UTC
From: John Faughn
Topic: 30769 Message: 30771

Mick ,
Getting the idea across to us here should leave out the appearance of officials , Local Authorities Tenant , just say landlord , unless its one of the , I forget the term , but where someone owns the inside of the building and the community has control of the outside .
You should pick up a copy of the FCC rules book and if you have any of you study guides that you used to pass your test , for several reasons , 1st is to approach the subject from the correct perspective , the technical / Ham perspective , not the uniformed general public's point of view .
Starting from there perspective is loosing up front .
But if you are just a renter , you may not have any options on your side , but to teach the owner some of what should be learned in the ham study materials , basically that the fed's / FCC says that if you station is properly set up , you are not responsible for substandard equipment that other may own .
Now for the suggestions , trying to get the landlord to understand , and you to cooperate with anyone who's chineez equipment may pickup RF from your station , in that same material it suggests this also .
Not owning the property is a big disadvantage for any permanent alterations to property , but through cooperation you may work something out .
There are just a few authorities / rule makers when it comes to antennas , again like the study materials say FCC , airport , radio astronomy and something about historical stuff .
But getting someone or entity to see that can be a court battle .
So working these issues out with whoever , by you teaching them is usually the best way .
John
kd0cac
73

On Thu, Aug 5, 2010 at 10:24 AM, michael.dunthorne <
michael.dunthorne@...> wrote:

>
>
> I don't know if this is the correct place to put such a request but I am
> starting to run out of ideas.
>
> I am a Local Authorities Tenant and I am hoping to put up a G5RV or similar
> wire dipole, however my landlord (the local authority) are refusing to grant
> me permission until they have received written confirmation, ideally an
> independent engineers report, stating that the physical structure of a wire
> antenna will not cause Television Interference.
>
> I do not expect anyone to state that whilst on transmit this will be the

> case due to all the contributing factors involved.
>
> What I am asking, well actually begging is that anyone who is licensed, to
> email me direct to state that a piece of wire that hangs in the air cannot
> cause TVI.
>
> I would be extremely grateful for anyone/everyone assistance.
>
> Thank you for your time and I look forward to hearing from you soon.
> 73
> 2E1FQO
> Mick Dunthorne
> michael.dunthorne@... <michael.dunthorne%40yahoo.co.uk>
>
>
>

[Non-text portions of this message have been removed]

30772. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 16:41:31 UTC
From: KenW
Topic: 30769 Message: 30772

Nothing in,nothing out..NO
Was in TN a few years ago, talked the motel manager into putting a 2 meter ground plain on the roof. Biggest 2m penning I have ever heard that night. It screwed up tv reception something awful that night. Down came antenna !!!!

>I don't know if this is the correct place to put such a request but I am starting to run out of ideas.
>
>I am a Local Authorities Tenant and I am hoping to put up a G5RV or similar wire dipole, however my landlord (the local authority) are refusing to grant me permission until they have received written confirmation, ideally an independent engineers report, stating that the physical structure of a wire antenna will not cause Television Interference.
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>I do not expect anyone to state that whilst on transmit this will be the case due to all the contributing factors involved.
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>
>I would be extremely grateful for anyone/everyone assistance.
>
>Thank you for your time and I look forward to hearing from you soon.
>73
>2E1FQO
>Mick Dunthorne
>michael.dunthorne@...
>
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

Ken

30773. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 16:56:09 UTC
From: B Young
Topic: 30769 Message: 30773

Hello Mick,

A few months ago, I put up a 20 Meter diploe, with a 1:1 Balun (supposed to reduce or eliminate RFI along the feedline (coax)), running 100 foot of RG8X coax. I have AT&T Uverse which was primarily standard TV coax runs externally around my house. I was experiencing RFI. I removed all of the TV (external) coax as Uverse supports Cat 5 (Network Cabling, twisted pair). I replaced all of the coax runs with Cat 5 cable. This eliminated my RFI. I run 100 watts max on my FT-897.

There are a couple of things to consider:

(1) The antenna distance from the (a) shack, and (b) other residents (if not in the same dwelling). Height above the ground 25 feet at a minimum. 35 feet + ideal. Further away from the dwelling (house) the better. Try to get the antenna length as resonant as possible. If you are using a multi band configuration, use a good quality tuner. I like the LDG tuners. Reasonably priced, and they work really well. A goal also is to get the SWR as low as possible 1.5:1 maximum. 1.1:1 ideal, somewhere in between also good. I have the LDG FTL / FT meter (smaller version cheaper) which helped me greatly. The built in meter on the FT-897 is visually challenged. If it barely registers, you are in good shape. The FTL meter is awesome!

(2) Distance from Metal Objects (ie metal gutters). In my case the RG8X coax was running close to a metal gutter and that was also near the outside run of the TV coax (acted like an antenna) to one of the bedrooms. Using RG213 or other high quality coax will also help.

(3) Check the FCC regulations. From what I understand it is up to the Electronic Device Manufacturer to insure proper shielding of their devices. There are also Ferrite rings that your can add via winding your cable around them that may reduce or eliminate RFI. You can add the ferrite rings to the TV side as well. You have options. Many articles on RFI on the internet.

The best thing to do is TEST. Hang the antenna and run some tests. Start with reduced power (25 watts) and gradually work up to full power.

Involve your neighbors, tenants, landlord, and give them your phone number. My antenna is hung between two trees, a good distance apart. So I can move the antenna position by loosening one end and tightening another. The only limitation is the coax feed, as it goes basically from the ground up. I can't move my antenna too far, as the center feedpoint changes and the coax will be become an obstacle. (XYL not happy)

Take some time and do some research. There are many options available.

The first message bounced, hopefully it won't deliver two messages. My apologies if it does.

Take care!

73, Barry

On Thu, Aug 5, 2010 at 12:32 PM, B Young <youngbar0978@...> wrote:

> Hello Mick,
>
> A few months ago, I put up a 20 Meter diploe, with a 1:1 Balun (supposed to
> reduce or eliminate RFI along the feedline (coax)), running 100 foot of RG8X
> coax. I have AT&T Uverse which was primarily standard TV coax runs
> externally around my house. I was experiencing RFI. I removed all of the
> TV (external) coax as Uverse supports Cat 5 (Network Cabling, twisted
> pair). I replaced all of the coax runs with Cat 5 cable. This eliminated my
> RFI. I run 100 watts max on my FT-897.
>
> There are a couple of things to consider:
>
> (1) The antenna distance from the (a) shack, and (b) other residents (if
> not in the same dwelling). Height above the ground 25 feet at a minimum. 35
> feet + ideal. Further away from the dwelling (house) the better. Try to get
> the antenna length as resonant as possible. If you are using a multi band
> configuration, use a good quality tuner. I like the LDG tuners. Reasonably
> priced, and they work really well. A goal also is to get the SWR as low as
> possible 1.5:1 maximum. 1.1:1 ideal, somewhere in between also good. I have
> the LDG FTL / FT meter (smaller version cheaper) which helped me greatly.
> The built in meter on the FT-897 is visually challenged. If it barely
> registers, you are in good shape. The FTL meter is awesome!
>
> (2) Distance from Metal Objects (ie metal gutters). In my case the RG8X
> coax was running close to a metal gutter and that was also near the outside
> run of the TV coax (acted like an antenna) to one of the bedrooms. Using
> RG213 or other high quality coax will also help.
>
> (3) Check the FCC regulations. From what I understand it is up to the
> Electronic Device Manufacturer to insure proper shielding of their devices.
> There are also Ferrite rings that your can add via winding your cable around
> them that may reduce or eliminate RFI. You can add the ferrite rings to the
> TV side as well. You have options. Many articles on RFI on the internet.
>
> The best thing to do is TEST. Hang the antenna and run some tests. Start
> with reduced power (25 watts) and gradually work up to full power.
>
> Involve your neighbors, tenants, landlord, and give them your phone number.
> My antenna is hung between two trees, a good distance apart. So I can move
> the antenna position by loosening one end and tightening another. The only
> limitation is the coax feed, as it goes basically from the ground up. I
> can't move my antenna too far, as the center feedpoint changes and the coax
> will be become an obstacle. (XYL not happy)

>
> Take some time and do some research. There are many options available.
>
> Take care!
>
> 73, Barry
> K9BAY
>
> On Thu, Aug 5, 2010 at 11:24 AM, michael.dunthorne <
> michael.dunthorne@...> wrote:
>
>>
>>
>> I don't know if this is the correct place to put such a request but I am
>> starting to run out of ideas.
>>
>> I am a Local Authorities Tenant and I am hoping to put up a G5RV or
>> similar wire dipole, however my landlord (the local authority) are refusing
>> to grant me permission until they have received written confirmation,
>> ideally an independent engineers report, stating that the physical structure
>> of a wire antenna will not cause Television Interference.
>>
>> I do not expect anyone to state that whilst on transmit this will be the
>> case due to all the contributing factors involved.
>>
>> What I am asking, well actually begging is that anyone who is licensed, to
>> email me direct to state that a piece of wire that hangs in the air cannot
>> cause TVI.
>>
>> I would be extremely grateful for anyone/everyone assistance.
>>
>> Thank you for your time and I look forward to hearing from you soon.
>> 73
>> 2E1FQO
>> Mick Dunthorne
>> michael.dunthorne@yahoo.co.uk <michael.dunthorne%40yahoo.co.uk>
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

30774. RE: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 17:25:11 UTC
From: Cliff Bryant
Topic: 30769 Message: 30774

Hi Mick

I suggest you save a lot of time and contact the RSGB with this issue.

Cliff, G4PZK

On 8/5/2010 11:24 AM, michael.dunthorne wrote:
> I don't know if this is the correct place to put such a request but I am starting to run out of ideas.
>
> I am a Local Authorities Tenant and I am hoping to put up a G5RV or similar wire dipole, however my landlord (the local authority) are refusing to grant me permission until they have received written confirmation, ideally an independent engineers report, stating that the physical structure of a wire antenna will not cause Television Interference.
>
> I do not expect anyone to state that whilst on transmit this will be the case due to all the contributing factors involved.
>
> What I am asking, well actually begging is that anyone who is licensed, to email me direct to state that a piece of wire that hangs in the air cannot cause TVI.
>
> I would be extremely grateful for anyone/everyone assistance.
>
> Thank you for your time and I look forward to hearing from you soon.
> 73
> 2E1FQO
> Mick Dunthorne
> michael.dunthorne@...<mailto:michael.dunthorne%40yahoo.co.uk>
>

[Non-text portions of this message have been removed]

30775. Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-05 17:53:44 UTC
From: Clark
Topic: 30748 Message: 30775

Hi Barry - I'll get back to you later today, I'll go check. I recommend that you hook your 897 up to a dummy load, have another receiver and closed / over the ear headphones, and listen to your own voice to set the controls for maximum punch without distortion. I also noted, that for my voice, the stock mike was not the best, I got the remote mike and it has a better element (maybe I should go to Radio Shack and choose a couple of cheap elements to try out for the old mike, it might make it work better for my voice.)

On my 817 I use an in-line AF processor (built from a kit) and it works about the same, to my ear, the cleaner sound comes from the remote mike that is sold for the 897.

Clark
WA3JPG

30776. Re: CW Selectivity.

Yahoo group: FT897 (2010)
Date: 2010-08-05 17:56:58 UTC
From: Clark
Topic: 30749 Message: 30776

One more opinion - I know you ask if you can live without the extra IF filter, my answer is no. However, if you have the mechanical filter in place and kick the DSP CW filter in-line the selectivity is superb! Really fine. Only very strong signals nearby will bother you with both in place (like a good antenna on a 160 meter contest evening, then all bets are off!)

I recommend you try to get the IF filter and enjoy the fine results.

Clark
WA3JPG

30777. Re: [FT897] Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-05 18:05:38 UTC
From: Alan E. Lutz
Topic: 30748 Message: 30777

When you say remote mc, which model are you refering to? There are sever alavailable for the 897.

73 de Alan

AE1NH

----- Original Message -----
From: "Clark" <csturner@...>
To: FT897@yahoogroups.com
Sent: Thursday, August 5, 2010 1:53:44 PM
Subject: [FT897] Re: Anybody using the Speech Processor?

Hi Barry - I'll get back to you later today, I'll go check. I recommend that you hook your 897 up to a dummy load, have another receiver and closed / over the ear headphones, and listen to your own voice to set the controls for maximum punch without distortion. I also noted, that for my voice, the stock mike was not the best, I got the remote mike and it has a better element (maybe I should go to Radio Shack and choose a couple of cheap elements to try out for the old mike, it might make it work better for my voice.)

On my 817 I use an in-line AF processor (built from a kit) and it works about the same, to my ear, the cleaner sound comes from the remote mike that is sold for the 897.

Clark
WA3JPG

[Non-text portions of this message have been removed]

30778. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 19:10:37 UTC
From: Rob Stampfli
Topic: 30769 Message: 30778

On Thu, Aug 05, 2010 at 12:56:09PM -0400, B Young wrote:
> A few months ago, I put up a 20 Meter diploe, with a 1:1 Balun (supposed to
> reduce or eliminate RFI along the feedline (coax)), running 100 foot of RG8X
> coax. I have AT&T Uverse which was primarily standard TV coax runs
> externally around my house. I was experiencing RFI. I removed all of the
> TV (external) coax as Uverse supports Cat 5 (Network Cabling, twisted
> pair). I replaced all of the coax runs with Cat 5 cable. This eliminated my
> RFI. I run 100 watts max on my FT-897.

Just an aside: The empirical evidence certainly appears to suggest
that the "last mile" distribution mechanism (twisted pair) that AT&T
typically uses in its U-verse product is quite susceptible to RFI.
I've yet to find a ham who has installed U-verse without having ensuing
RFI problems at some point, and I know of one case where, when the AT&T
installer has found out that a ham is in the neighborhood, they told
the prospective client that the installation would not work at their
locale, and declined to install it. I'd advise all hams to avoid this
offering.

YMMV,
Rob / KD8WK

30779. Re: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-05 19:49:17 UTC
From: Carl Wulfestieg
Topic: 30769 Message: 30779

John, Barry, and Rob-
You mention the "FCC" and "AT&T Uverse"- Well, he's located in England,
according to his call sign- ???
88 Carl WZ4CW

30780. Re: Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-06 00:49:52 UTC
From: KB1TCD
Topic: 30769 Message: 30780

The very day we got our tickets we threw the tele out the window!
I suggest you convince everyone to just get rid of that nonsense...Try ham radio instead!
Problem solved, and we have zero stress from watching the lies the media feeds us.
No longer living with the big lie!

Cheers!

73 de KB1TCD

30781. Re: [FT897] Re: Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-06 01:27:08 UTC
From: Bret McDanel
Topic: 30769 Message: 30781

On Thu, 2010-08-05 at 17:49 -0700, KB1TCD wrote:
>
> The very day we got our tickets we threw the tele out the window!
> I suggest you convince everyone to just get rid of that nonsense...Try
> ham radio
> instead!
> Problem solved, and we have zero stress from watching the lies the
> media feeds
> us.
> No longer living with the big lie!

but tv transmissions is something ham radio people do.

30782. Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-06 01:43:47 UTC
From: Clark
Topic: 30748 Message: 30782

Hi Alan - I knew that there were some Tone mikes offered but didn't know any were remote capable. I have the MH-59 (chosen for its remote capabilities of keypad frequency entry!)

I checked my settings on the processor, I have the SSB audio level set to 60 and the processor set to 40. It seems to give me a bit more punch than normal. I will probably check with a station far away to do an A/B test at that level this weekend (I only checked in my own headphones with another receiver to hear the difference.)

Do be careful when setting it up and get some honest reports. I have heard many stations turning up the gain on the mike and the processors to the point that they were unintelligible, but they thought they were increasing readability. Get it well under distortion and the punch will matter, hi.

Clark
WA3JPG

30783. RE: [FT897] Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-06 02:52:58 UTC
From: Barry Young
Topic: 30769 Message: 30783

Thanks Carl.

I didn't realize he was from England. I am not sure what the regulations are in the UK.

Perhaps someone could chime in from the UK.

Thanks!

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Carl Wulfestieg
Sent: Thursday, August 05, 2010 3:49 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Dipole / G5RV antenna HELP PLEASE

John, Barry, and Rob-
You mention the "FCC" and "AT&T Uverse"- Well, he's located in England, according to his call sign- ???
88 Carl WZ4CW

[Non-text portions of this message have been removed]

30784. Re: Dipole / G5RV antenna HELP PLEASE

Yahoo group: FT897 (2010)
Date: 2010-08-06 12:50:25 UTC
From: vk6ro
Topic: 30769 Message: 30784

Gday

95% of reported TVI events are caused by defective receiving apparatus, not ham radio transmitters or antennas.

"Receiving apparatus" covers a multitude of electronic Gizmos, most of it poorly designed or serviced junk.

>It screwed up tv reception something awful that night.

cheers from perth
graham VK6RO

30785. a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 11:21:48 UTC
From: Rodrigo
Topic: 30785 Message: 30785

Hello all.

I recently aquired a ft-897, and i have some doubts:

1 - How to identify if it is a 897 or a 897D ?

2 - It can be possible in any way to do a type of freeband on it that can be easy reversible ?? (like a switch or something)

3 - The reception on vhf sometimes dont give-me a signal, just an audio. (like ppl in other cities around me) The signals on my city are displayed fine (ex. A friend on my city comes on S8, the other comes with s0 but audio good, the same on tm-v7a comes S8, S4..) Maybe a configuration o Second menu??

The serial of the radio starts at 8D, so its a 2008 April.

Tnx in Advance

73

PU2XRD - Rodrigo

30786. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 16:08:21 UTC
From: Carl Wulfestieg
Topic: 30785 Message: 30786

Rodrigo-
If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

If the 2nd Serial Number character is "D" that means it was made in February (January is "C")

Question 2: As far as I know, "freeband" can only be done with a modification of the "jumpers"

Question 3: I don't think so but someone else will have to help you on this one - but my advice would be to be very careful before you attempt "2nd menu" changes

73 Carl WZ4CW

[Non-text portions of this message have been removed]

30787. Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 16:29:41 UTC
From: cergender
Topic: 30785 Message: 30787

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Rodrigo-
> If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

OK. But what is the actual difference between 897D and 897?

Ben

30788. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 17:04:22 UTC
From: B Young
Topic: 30785 Message: 30788

Rodrigo,

As far as the meter, I recommend getting the LDG Electronics FT or FTL. It is awesome as far as measuring signal strength, SWR, etc. The built-in FT-897 meter is visually challenged.

73, Barry K9BAY

On Fri, Aug 6, 2010 at 12:29 PM, cergender <cergender@...> wrote:

>
>
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Carl Wulfestieg"
> <ag4ls@...> wrote:
> >
> > Rodrigo-
> > If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")
>
> OK. But what is the actual difference between 897D and 897?
>
> Ben
>
>
>

[Non-text portions of this message have been removed]

30789. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 19:15:02 UTC
From: Carl Wulfestieg
Topic: 30785 Message: 30789

Ben-
The FT-897 D has the "TCXO-9 Temperature Compensated Crystal Oscillator Unit" as standard equipment.
The FT-897 D has the five 60 Meter channel frequencies pre-programmed into memory.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30790. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 22:30:30 UTC
From: Danny Loyd
Topic: 30785 Message: 30790

I have what is probably a dumb question, but where exactly is the serial number located?

Danny
KE5WDI

From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 11:08:21 AM
Subject: Re: [FT897] a few questions.

Rodrigo-
If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

If the 2nd Serial Number character is "D" that means it was made in February (January is "C")

Question 2: As far as I know, "freeband" can only be done with a modification of the "jumpers"

Question 3: I don't think so but someone else will have to help you on this one - but my advice would be to be very careful before you attempt "2nd menu" changes

73 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30791. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 23:36:19 UTC
From: Michael Hughey
Topic: 30785 Message: 30791

Outside of case, left or right side (can't remember, radio is out in my truck).

Mike - KF4DUS

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 4:30:30 PM
Subject: Re: [FT897] a few questions.

I have what is probably a dumb question, but where exactly is the serial number located?

Danny
KE5WDI

From: Carl Wulfestieg <ag4ls@comcast.net>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 11:08:21 AM
Subject: Re: [FT897] a few questions.

Rodrigo-
If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

If the 2nd Serial Number character is "D" that means it was made in February (January is "C")

Question 2: As far as I know, "freeband" can only be done with a modification of

the "jumpers"

Question 3: I don't think so but someone else will have to help you on this one - but my advice would be to be very careful before you attempt "2nd menu" changes

73 Carl WZ4CW

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30792. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 00:17:40 UTC
From: Carl Wulfestieg
Topic: 30785 Message: 30792

Danny- Yeah, it's a dumb question! No, I'm just kidding (LOL) - initially, I couldn't find mine either, I called Yaesu - and many others are in the same situation.

It's on a white label, on the side opposite the "handle", toward the rear. It's just above the bottom bar code after the words "Ser. No." I need a magnifying glass to see mine. That's why it's hard to see.

The first number is the year built- "3" means 2003. Since we're in 2010, will that number be "10" or "0"? I don't know but I would guess for a "0".

Next is a letter for the month built - "C" means January, then "D" for February and . . . . then "M" for November, and "N" for December.

The next two numbers are the "Lot Number".

Then, the next four numbers are the "Unit Number".

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30793. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 00:17:05 UTC
From: Danny Loyd
Topic: 30785 Message: 30793

Is it under where the tuner bolts on to the side?

KE5WDI
Danny

From: Michael Hughey <rsq14emt@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 6:36:19 PM
Subject: Re: [FT897] a few questions.

Outside of case, left or right side (can't remember, radio is out in my truck).

Mike - KF4DUS

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 4:30:30 PM
Subject: Re: [FT897] a few questions.

I have what is probably a dumb question, but where exactly is the serial number
located?

Danny
KE5WDI

From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 11:08:21 AM
Subject: Re: [FT897] a few questions.

Rodrigo-
If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

If the 2nd Serial Number character is "D" that means it was made in February
(January is "C")

Question 2: As far as I know, "freeband" can only be done with a modification of

the "jumpers"

Question 3: I don't think so but someone else will have to help you on this one
- but my advice would be to be very careful before you attempt "2nd menu"
changes

73 Carl WZ4CW

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30794. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 00:23:23 UTC
From: Carl Wulfestieg
Topic: 30785 Message: 30794

Danny- Yeah, it's where the tuner bolts on. If you have a tuner bolted on, maybe it's hidden by the tuner?
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30795. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 00:32:15 UTC
From: ae8u@fuse.net
Topic: 30795 Message: 30795

If you have a bolt on tuner I believe it is under the tuner and hidden from view.

73,
Mike, AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----
From: "Carl Wulfestieg" <ag4ls@...>
Date: Fri, Aug 6, 2010 8:17 pm
Subject: [FT897] a few questions.
To: <FT897@yahoogroups.com>

Danny- Yeah, it's a dumb question! No, I'm just kidding (LOL) - initially, I couldn't find mine either, I called Yaesu - and many others are in the same situation.

It's on a white label, on the side opposite the "handle", toward the rear. It's just above the bottom bar code after the words "Ser. No." I need a magnifying glass to see mine. That's why it's hard to see.

The first number is the year built- "3" means 2003. Since we're in 2010, will that number be "10" or "0"? I don't know but I would guess for a "0".

Next is a letter for the month built - "C" means January, then "D" for February and . . . . then "M" for November, and "N" for December.

The next two numbers are the "Lot Number".

Then, the next four numbers are the "Unit Number".

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30796. Re: [FT897] Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-07 00:51:07 UTC
From: Alan E. Lutz
Topic: 30748 Message: 30796

Clark,

I did misunderstand what you meant by remote mike. I have the MH-59 as well although I don't always use it. Is it your opinion that the MH-59 has a better sound quality than the mike that comes with the FT-897? I don't always need the capability so I had been swapping them. Maybe I shouldn't.

73 de Alan
AE1NH

----- Original Message -----
From: Clark
To: FT897@yahoogroups.com
Sent: Thursday, August 05, 2010 9:43 PM
Subject: [FT897] Re: Anybody using the Speech Processor?

Hi Alan - I knew that there were some Tone mikes offered but didn't know any were remote capable. I have the MH-59 (chosen for its remote capabilities of keypad frequency entry!)

I checked my settings on the processor, I have the SSB audio level set to 60 and the processor set to 40. It seems to give me a bit more punch than normal. I will probably check with a station far away to do an A/B test at that level this weekend (I only checked in my own headphones with another receiver to hear the difference.)

Do be careful when setting it up and get some honest reports. I have heard many stations turning up the gain on the mike and the processors to the point that they were unintelligible, but they thought they were increasing readability. Get it well under distortion and the punch will matter, hi.

Clark
WA3JPG

[Non-text portions of this message have been removed]

30797. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 16:37:34 UTC
From: Marcus Vinicius S. Nogueira
Topic: 30785 Message: 30797

(D) means that the radio has the DSP installed.

MARCUS VINICIUS DE SOUZA NOGUEIRA : PU5BRL
Joinville - SC - Brasil

Em 06/08/2010 13:29, cergender escreveu:
> OK. But what is the actual difference between 897D and 897?

30798. RE: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-06 18:05:42 UTC
From: Klas-Erik Wiman
Topic: 30785 Message: 30798

A few weeks ago I also purchased a 2nd hand FT-897D (together with the MFJ-993B Intellituner). I have not really had time to check all features as reading all these mails also take time (but I appreciate them!). I can understand that for the factory it is too expensive to add the "D" on the front plate, but I do not understand why Yaesu have not printed the complete designation FT-897D on the label at the left side.

I also miss an engineering change history table. All I have found out is that the D-version has the TCXO factory installed. Without the D, the TCXO is an option (extra cost). When you report about problems I have no idea if any of these are factory fixed in my rig which is relatively new (serial no. 8J....).

My next project is to find out if my "Intellituner" really is intelligent....and if Yes.... why it is necessary with 52 pages of Instruction Manual. This scared me so I connected my old Heathkit SA-2040. I found that adjusting with the bar indicator was good enough but I have also added the LDG meter on the wish list.

73 Klas OZ1DTF

> To: FT897@yahoogroups.com
> From: youngbar0978@...
> Date: Fri, 6 Aug 2010 13:04:22 -0400
> Subject: Re: [FT897] Re: a few questions.
>
> Rodrigo,
>
> As far as the meter, I recommend getting the LDG Electronics FT or FTL. It
> is awesome as far as measuring signal strength, SWR, etc. The built-in
> FT-897 meter is visually challenged.
>
> 73, Barry K9BAY
>
>
>
> On Fri, Aug 6, 2010 at 12:29 PM, cergender <cergender@...> wrote:
>
> > >
> > >
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Carl Wulfestieg"
> > > <ag4ls@...> wrote:
> > > >
> > > > Rodrigo-
> > > > If the Serial Number is "8" that means 2008 (2008 FT-897's are "D")

> >
> > OK. But what is the actual difference between 897D and 897?
> >
> > Ben
> >
> >
> >
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

30799. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 04:07:12 UTC
From: Rob Stampfli
Topic: 30785 Message: 30799

On Fri, Aug 06, 2010 at 04:29:41PM -0000, cergender wrote:
> OK. But what is the actual difference between 897D and 897?

From the November 2004 ARRL QST article, p 69:

=-=
"When the initial demand for the FT-100 began to dimish, Yaesu
introduced a "D" model with some of the most popular accessories
as standard equipment. The result was an enduring product that
remains in their catalog.

"Continuing that strategy, they have introduced the FT-857D and
FT897D. Both operate conveniently on the five new 60 meter
channels authorized for US hams. Also included is the
temperature-controlled crystal oscillator stage that was
optional on the previous models. In addition, the '857D
includes the DSP circuit that was formerly an extra-cost option.
The rest of the features and performance of the D models are
comparable with the previous models."
=-=

My question: How is the temperature-controlled crystal oscillator
stage stabilized? Is it an oven, and if so, is there any power
draw while the rig is turned off from the front panel?

Rob

30800. Re: Anybody using the Speech Processor?

Yahoo group: FT897 (2010)
Date: 2010-08-07 04:07:05 UTC
From: Clark
Topic: 30748 Message: 30800

Hi Alan - For my voice and my settings, the MH-59 gives more highs and increases the intelligibility a bit. I have a low voice. The stock mikes have more lows and work just fine, but in a tough situation, several stations have said the MH-59 helps a little.

Give them each a listen in some headphones if you can, I suspect your particular voice will tell the tale.

When I'm out with my 817 using internal batteries (2.5 watts out) and a simple in-line processor, the MH-59 is the preferred mike for me. For everyday use with the 897 at 100 watts, it is less important, though most stations I've asked do prefer the sound of the MH-59.

Clark
WA3JPG

30801. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 04:14:16 UTC
From: K9ZTV
Topic: 30785 Message: 30801

Not quite. The D has a different and better roofing filter circuit.

K9ZTV

On 8/6/2010 11:07 PM, Rob Stampfli wrote:
>
> The rest of the features and performance of the D models are
> comparable with the previous models."
>
>

[Non-text portions of this message have been removed]

30802. how to identify ft 897 and Ft897 D

Yahoo group: FT897 (2010)
Date: 2010-08-07 04:07:45 UTC
From: Mujeeb K
Topic: 30802 Message: 30802

how we can identify ft 897 d .on the front
Panel it is written as Ft897 any trick?.i am going to purchase one from dubai .the shope
People telling it is 897 D ,i am not sure

30803. How to indentify and FT-897 and an FT-897D

Yahoo group: FT897 (2010)
Date: 2010-08-07 11:48:00 UTC
From: Don Taylor
Topic: 30803 Message: 30803

If you have the original shipping container it will be marked as a "D" on the white label.

With lot 68 and above the Roofing Filter, XF1001, was changed from a 2 pole to a 4 pole.

All the "D" types that I have had in the shop had the 4 pole filter installed. I have never

seen a 2 pole filter in a "D" tape.

I think it is safe to say if you have the 4 pole filter you have a "D"

The 2 pole filter is marked MF68 G. The 4 pole is marked MFT68 Q. They are not always

marked with all the letters but the G and the Q are easy to spot.

The filter is located on the MAIN UNIT which is on the top. On the right are two shield

covers. The filter is just to the left of the covers, in line with the gap between the two.

Don Taylor

DJ0KM / K9SFN

GARANT-FUNK

GERMANY

[Non-text portions of this message have been removed]

30804. Re: [FT897] a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 14:15:26 UTC
From: Danny Loyd
Topic: 30785 Message: 30804

Thanks, Carl. I will have to take the tuner off to see it. Mine came straight from seller with tuner attached.

Danny
KE5WDI

From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Fri, August 6, 2010 7:23:23 PM
Subject: Re: [FT897] a few questions.

Danny- Yeah, it's where the tuner bolts on. If you have a tuner bolted on, maybe it's hidden by the tuner?
73 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30805. RE: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 05:44:26 UTC
From: Stanton Royce
Topic: 30785 Message: 30805

I think the D also added 6 meters which I do not think the 897 covered 6 meter transmit but not certain of that. KF8SS

Connected by MOTOBLUR™ on T-Mobile

-----Original message-----
From: Klas-Erik Wiman <OZ1DTF@hotmail.com>
To: ft897@yahoogroups.com
Sent: Fri, Aug 6, 2010 21:41:03 MDT
Subject: RE: [FT897] Re: a few questions.

A few weeks ago I also purchased a 2nd hand FT-897D (together with the MFJ-993B Intellituner). I have not really had time to check all features as reading all these mails also take time (but I appreciate them!). I can understand that for the factory it is too expensive to add the "D" on the front plate, but I do not understand why Yaesu have not printed the complete designation FT-897D on the label at the left side.

I also miss an engineering change history table. All I have found out is that the D-version has the TCXO factory installed. Without the D, the TCXO is an option (extra cost). When you report about problems I have no idea if any of these are factory fixed in my rig which is relatively new (serial no. 8J....).

My next project is to find out if my "Intellituner" really is intelligent....and if Yes.... why it is necessary with 52 pages of Instruction Manual. This scared me so I connected my old Heathkit SA-2040. I found that adjusting with the bar indicator was good enough but I have also added the LDG meter on the wish list.

73 Klas OZ1DTF

> To: FT897@yahoogroups.com
> From: youngbar0978@...
> Date: Fri, 6 Aug 2010 13:04:22 -0400
> Subject: Re: [FT897] Re: a few questions.
>
> Rodrigo,
>
> As far as the meter, I recommend getting the LDG Electronics FT or FTL. It
> is awesome as far as measuring signal strength, SWR, etc. The built-in
> FT-897 meter is visually challenged.
>
> 73, Barry K9BAY
>
>
>
> On Fri,

[Non-text portions of this message have been removed]

30806. Re: [FT897] how to identify ft 897 and Ft897 D

Yahoo group: FT897 (2010)
Date: 2010-08-07 14:53:28 UTC
From: Stanton Royce
Topic: 30802 Message: 30806

The USA version is easy to tell because according to the Yaesu web site, "The new FT-897D version includes coverage of the U.S. 60-meter (5 MHz) band, along with the 0.5 ppm TCXO Unit, at no additional charge!" I might have told someone 6 meters before but meant 60. Was replying from my phone and think I missed the 0."

You might check for any Yaesu promotional or advertising literature for the FT-897D for the country for which it was made to see if there are any easily recognizable features such as with the 60 meter band for the USA version of the D..

Stanton Royce KF8SS

From: Mujeeb K <vu3wii@yahoo.com>
To: ft897@yahoogroups.com
Sent: Fri, August 6, 2010 10:07:45 PM
Subject: [FT897] how to identify ft 897 and Ft897 D

how we can identify ft 897 d .on the front
Panel it is written as Ft897 any trick?.i am going to purchase one from dubai .the shope

People telling it is 897 D ,i am not sure

[Non-text portions of this message have been removed]

30807. Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-07 16:04:53 UTC
From: Clark
Topic: 30785 Message: 30807

No, that's not the case. The 897 had 6, 2 and 440 just like the D. The difference is very slight, the TCXO installed in the D model (added to the D it cost extra) and auto coverage of 60 meters in the D model (easily added in the non D model). I don't know of any other real difference at all. Probably a few little circuit changes but the specs remain the same.

Clark
WA3JPG

--- In FT897@yahoogroups.com, "Stanton Royce" <extremeachievers@...> wrote:
>
> I think the D also added 6 meters which I do not think the 897 covered 6 meter transmit but not certain of that. KF8SS

30808. Re: [FT897] how to identify ft 897 and Ft897 D

Yahoo group: FT897 (2010)
Date: 2010-08-07 16:35:47 UTC
From: rm4210
Topic: 30802 Message: 30808

Also on the Serial number label it will say "D"
Rick NK 9G
----- Original Message -----
From: Stanton Royce
To: FT897@yahoogroups.com
Sent: Saturday, August 07, 2010 9:53 AM
Subject: Re: [FT897] how to identify ft 897 and Ft897 D

The USA version is easy to tell because according to the Yaesu web site, "The new FT-897D version includes coverage of the U.S. 60-meter (5 MHz) band, along with the 0.5 ppm TCXO Unit, at no additional charge!" I might have told someone 6 meters before but meant 60. Was replying from my phone and think I missed the 0."

You might check for any Yaesu promotional or advertising literature for the FT-897D for the country for which it was made to see if there are any easily recognizable features such as with the 60 meter band for the USA version of the D..

Stanton Royce KF8SS

_____
From: Mujeeb K <vu3wii@...>
To: ft897@yahoogroups.com
Sent: Fri, August 6, 2010 10:07:45 PM
Subject: [FT897] how to identify ft 897 and Ft897 D

how we can identify ft 897 d .on the front
Panel it is written as Ft897 any trick?.i am going to purchase one from dubai .the shope

People telling it is 897 D ,i am not sure

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30809. Re: [FT897] how to identify ft 897 and Ft897 D

Yahoo group: FT897 (2010)
Date: 2010-08-07 16:49:53 UTC
From: Joe
Topic: 30802 Message: 30809

Beg to differ there...You cannot tell from the S/N label if it is a D or Non-D. That is where much of the model identification confusion comes from.....

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "rm4210" <rm4210@...>
Subject: Re: [FT897] how to identify ft 897 and Ft897 D

> Also on the Serial number label it will say "D"

30810. Re: Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-08-07 19:30:25 UTC
From: m0mgf
Topic: 30693 Message: 30810

Thank you for the reply.
I have just been going over what schematics I can find for the interface and the CAT port, and it looks like it is a 5v control line through out.
BUT.... What would be missing is the ability for the ATU to tell the radio to stop TX'ing once a adequate tune condition is reached.
Oh well. I will just carry on doing as you have indicated, and use the whistle method to initiate the tune cycle.

Many thanks

Jase
M0MGF

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> I believe you are talking about the MFJ-5124K/Y.
>
> Yes, I agree with you, it is unreasonably expensive and, in my opinion, absolutely useless.
> I don't know whether your solution will work, what I know is that in the interface there is a PIC, I believe it works as protocol converter, so, unless the protocol (and the voltage levels) of the MFJ is compatible with the Yeasu one, it won't work.
>
> The MFJ-993b can work in "Auto" mode. Just push the "Auto" button and when you transmit the tuner will detect the RF and the tune process will automatically start.
>
> I know, you have to produce RF, so the options are to whistle into the mike when in SSB or switch to AM/FM and push the PTT.
>
> I also didn't like that solution so, what I did, is to build a simple and cheap interface which detects the "tuning" status (started by pressing the "Tune" button on the Tuner) and put the RIG in the TX mode by closing the ring and the sleeve contacts of the ACC socket on the rig.
> In other words, it acts as the Y-ACC cable when connected to the LDG AT897 tuner.
>
> This way, when I want to tune, just push the "tune" button on the tuner. Then the RIG will produce RF till the tune process is completed. Very simple.
> An improvement would be to add a low negative voltage to the tip on the ACC, so that the power is reduced.
>
> Hope this is helpful
> cheers,
> Fil IZ0INX
>
>
> -- In FT897@yahoogroups.com, "m0mgf" <radio@> wrote:

> >
> > I do not want to spend a lot of money (well it is here in England) for
> > an interface to connect the FT-897D to the MFJ-993B. Has anyone tried a
> > homebrew version, by directly connecting the two devices together?
> >
> > From looking at the manuals,
> > Radio: TxD and Tx GND to ATU: Radio interface
> > socket
> > Radio: 13.8v and GRND to ATU: Power socket
> >
> > Will this work? or why have MFJ inserted an interface, what is it
> > actually doing?
> >
> >
> > Regards for any assistance
> > Jason
> > M0MGF
> >
>

30811. static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-08 15:34:02 UTC
From: bty78009284
Topic: 30811 Message: 30811

Hi All
I have had my ft897d for three years and has seen meny addons the last being dsp modual. This morning turned on the radio on every band was this static like popping some of them S6 on the meter, I changed the modes not heard on fm,uhf,vhf or fm, unplugged the ant still there came off mains on to battery still there. Please any ideas?

Thanks in advance.
Bill
M3PTQ

30812. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-08 16:43:38 UTC
From: Leon Robinson
Topic: 30785 Message: 30812

Rob,

The TCXO stands for "Temperature Compensated Crystal Oscillator".
The crystal is designed so that it is even more temperature stable than a standard crystal oscillator.
It dosen't draw any aditional power.

Leon K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Fri, 8/6/10, Rob Stampfli <res@...> wrote:

From: Rob Stampfli <res@...>
Subject: Re: [FT897] Re: a few questions.
To: FT897@yahoogroups.com
Date: Friday, August 6, 2010, 11:07 PM

On Fri, Aug 06, 2010 at 04:29:41PM -0000, cergender wrote:

> OK. But what is the actual difference between 897D and 897?

From the November 2004 ARRL QST article, p 69:

=-=

"When the initial demand for the FT-100 began to dimish, Yaesu

introduced a "D" model with some of the most popular accessories

as standard equipment. The result was an enduring product that

remains in their catalog.

"Continuing that strategy, they have introduced the FT-857D and

FT897D. Both operate conveniently on the five new 60 meter

channels authorized for US hams. Also included is the

temperature-controlled crystal oscillator stage that was

optional on the previous models. In addition, the '857D

includes the DSP circuit that was formerly an extra-cost option.

The rest of the features and performance of the D models are

comparable with the previous models."

=-=

My question: How is the temperature-controlled crystal oscillator

stage stabilized? Is it an oven, and if so, is there any power

draw while the rig is turned off from the front panel?

Rob

[Non-text portions of this message have been removed]

30813. Re: [FT897] static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-08 16:55:13 UTC
From: Marc DAVID
Topic: 30811 Message: 30813

Yes
I had the same atmospheric phenomenon.
Probably of in the last solar flare.

73

Le 08/08/2010 17:34, bty78009284 a écrit :
>
> Hi All
> I have had my ft897d for three years and has seen meny addons the last
> being dsp modual.
> This morning turned on the radio on every band was this static like
> popping some of them S6 on the meter, I changed the modes not heard on
> fm,uhf,vhf or fm, unplugged the ant still there came off mains on to
> battery still there. Please any ideas?
>
> Thanks in advance.
> Bill
> M3PTQ
>

[Non-text portions of this message have been removed]

30814. Re: [FT897] Re: a few questions.

Yahoo group: FT897 (2010)
Date: 2010-08-09 05:08:17 UTC
From: Rob Stampfli
Topic: 30785 Message: 30814

On Sun, Aug 08, 2010 at 09:43:38AM -0700, Leon Robinson wrote:
> The TCXO stands for "Temperature Compensated Crystal Oscillator".
> The crystal is designed so that it is even more temperature stable than a standard crystal oscillator.
> It dosen't draw any aditional power.

Thanks, Leon.

Rob

30815. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-09 10:35:34 UTC
From: Dave Nelson
Topic: 30811 Message: 30815

Marc DAVID

you HAVE TO BE KIDDING !!!

not is this lifetime no chance :)

if his antennae were disconnected, it definately wont be atmospheric !!!

apart from the fact that if you have ever heard solar flare noise on HF and 6M
you know it sounds more a smoother buildup of hiss, then a slow decline over
a short period of time... minutes to 10's of minutes depending on the size
of the
flare.

I have heard of 455kc filter problems similar to those suffered by the Kenwood
TS2000 that produces the same symptoms. There were a whole batch of these
faulty ceramic filters, that many TS2000 owners are now having to get
replaced.
The radio operated great for the first few years, then the probs started
showing up

cheers
Dave
VK2TDN

At 07:10 PM 9/08/2010, you wrote:
>1b. Re: static crashes
> Posted by: "Marc DAVID" f1rhx@... f1rhx
> Date: Sun Aug 8, 2010 9:55 am ((PDT))
>
>Yes
>I had the same atmospheric phenomenon.
>Probably of in the last solar flare.
>
>73
>
>Le 08/08/2010 17:34, bty78009284 a écrit :
> >
> > Hi All
> > I have had my ft897d for three years and has seen meny addons the last
> > being dsp modual.
> > This morning turned on the radio on every band was this static like
> > popping some of them S6 on the meter, I changed the modes not heard on
> > fm,uhf,vhf or fm, unplugged the ant still there came off mains on to
> > battery still there. Please any ideas?
> >
> > Thanks in advance.

> > Bill
> > M3PTQ

30816. WIDEBAND mod - a little confused :S

Yahoo group: FT897 (2010)
Date: 2010-08-09 11:28:50 UTC
From: Rodrigo
Topic: 30816 Message: 30816

Here i am again..

Well ppl, i appreciate that u guys answer me so damm fast, and the information is a good reference for me.

I did a search on google bout the mars/cap mod on hardware, but i found ones that use one set of on/off jumpers and other that uses another.

So lets the facts:

My 897 is definitly a D one, so ft-897D, maded in 2008.
On the label i got "Made in JAPAN", so its japanese?? I see that has uk, us, and other sorts of version.

But the really doubt is: Some told to jump 1006 diode, some told to open 1006.

It inform that 1006 jumped, give me 60 meters on 897d, other told me to open it.

What is the correct mod to do ?

30817. Static Noise after transmission on 40m

Yahoo group: FT897 (2010)
Date: 2010-08-10 00:21:00 UTC
From: Chuck Stroud
Topic: 30816 Message: 30817

Hi to all-
I have noticed that whenever I tune up my radio I get an increase in static crash noise on 40m. I have not noticed in on other bands yet, but it jumps from minimal to about s6-s7. It goes away after 10-15 minutes, but comes back immediately when I transmit. Any thoughts?
73,
chuck
ka8hde

[Non-text portions of this message have been removed]

30818. Mobile , Animal , Flower & Love Wallpaper 9:17:05 AM8/10/2010

Yahoo group: FT897 (2010)
Date: 2010-08-10 05:17:05 UTC
From: Zhamak Boobs
Topic: 30818 Message: 30818

9:17:05 AM

Mobile , Animal , Flower & Love Wallpaper

Landscape Mobile Cats2
Mobile 20 Wallpaper cats1
best Mobile Wallpaper Frog_Wallpapers
Mobile Wallpaper 2010 Beautiful Animals Wallpap
Best Mobile Wallpaper-1 Cartoon Cats Pictures
Cute Mobile Wallpaper1 Animal
Best Mobile Wallpaper 2 Graphic Wallpaper1
Best Mobile Wallpaper 3 exotic birds
Love WallpaperFlowers
Lovely WallpaperFlowers1
Lovely Wallpaper 2Flower Wallpapers 3
Lovely Wallpaper-3 HQ Beautiful Flowers
Wallpaper Love & kiss Black2
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Love WallpaperBest Magazine-Free DownloadFlower Wallpaper
Model WallpaperFamous Artists & Singers picHot Wallpaper
Best Cars 2011Best 2010 video ClipsHot Artists Pic

[Non-text portions of this message have been removed]

30819. 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 18:22:30 UTC
From: Danny Loyd
Topic: 30819 Message: 30819

If your FT-897 shows a TX ERROR when you try to tune up the 60 meters frequencies, is this an indicator that the unit is a non-D? If so, how do you modify it to work on the 60 meter frequencies?

Thanks in advance,

Danny
KE5WDI

30820. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 18:33:51 UTC
From: DALE
Topic: 30819 Message: 30820

You are not allowed to tune up on 60 meters. SSB only, no CW.
One should read the rules .
A non D model will not tune as it is out of band.
A D model will not tune as it is programed not to. The proper frequencies are programed into 60 meter channels
Dale
.
----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 11:22:30 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] 60 Meter question

If your FT-897 shows a TX ERROR when you try to tune up the 60 meters frequencies, is this an indicator that the unit is a non-D? If so, how do you modify it to work on the 60 meter frequencies?

Thanks in advance,

Danny
KE5WDI

'---

[Non-text portions of this message have been removed]

30821. Re: 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 18:49:35 UTC
From: Clark
Topic: 30819 Message: 30821

Hi Danny -

You can go over to the files section and find several of the mod sheets that explain how to open up the TX for the 817/857/897. Carefully check the rules on 60 meter operation, it is channelized and you must be on the correct frequency (it is NOT simply "dial in" the frequency and talk.... you may need to calculate what your center frequency actually is on a given rig). And you must be right on the channel, so the TCXO could be important to keep you stable (that's the main difference with the 897D anyway....).

Clark
WA3JPG

30822. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 18:58:49 UTC
From: Dean Gibson AE7Q
Topic: 30819 Message: 30822

On 2010-08-10 11:33, DALE wrote:
> You are not allowed to tune up on 60 meters.

We had a very long thread on this topic in this group, starting on 2005-06-30; I contacted and received an opinion on the matter from the FCC's legal counsel Riley Hollingsworth, which was posted in that thread.

Briefly, you can tune up on 60m, but you have to be careful how you do it. Eg, the tuning emissions must be in the middle of the channel, and not at the SSB suppressed carrier frequency !

-- Dean / AE7Q

30823. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 19:37:07 UTC
From: Danny Loyd
Topic: 30819 Message: 30823

Okay, I need to clarify my question. I put the FT-897 on the designated tuning frequency according to the ARRL Band plan chart I have and I get a TX ERROR indicator on my radio. Does this mean that my radio is not set for the 60 meter channels??

Thank you,

Danny
KE5WDI

From: Dean Gibson AE7Q <yahoo@...>
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 1:58:49 PM
Subject: Re: [FT897] 60 Meter question

On 2010-08-10 11:33, DALE wrote:
> You are not allowed to tune up on 60 meters.

We had a very long thread on this topic in this group, starting on 2005-06-30; I contacted and received an opinion on the matter from the FCC's legal counsel Riley Hollingsworth, which was posted in that thread.

Briefly, you can tune up on 60m, but you have to be careful how you do it. Eg, the tuning emissions must be in the middle of the channel, and not at the SSB suppressed carrier frequency !

-- Dean / AE7Q

[Non-text portions of this message have been removed]

30824. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 20:21:12 UTC
From: Dean Gibson AE7Q
Topic: 30819 Message: 30824

You need to go to the radio's memory section (press "V/M") and try to select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO CH" knob to the left). If you can, the unit has the channels, and that's what you must use, not manually tuning the radio. If you have the USA FT-897D manual (if not, you can download it from the Yaesu web site), that's documented on page 23.

On 2010-08-10 12:37, Danny Loyd wrote:
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning
> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
> channels??
>
> Thank you, Danny / KE5WDI
>

30825. Re: Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-08-10 22:49:36 UTC
From: iz0inx
Topic: 30693 Message: 30825

No problem Jase, with my interface, when the tuning process ends, the FT-897 automatically goes back to Rx.
The following is the schematics of this interface, it is realized with FidoCAD.
If you don't know it, you can download it from:
http://www.enetsystems.com/~lorenzo/fidocad_win.asp

After the installation, just copy the following text and paste it into a simple text file.
Then rename it as whatever.fcd
At this point it could be opened with FidoCAD

cheers,
Fil IZ0INX

```
[FIDOCAD ]
EV 118 120 118 120
TY 43 5 7 6 0 0 0 * IZØINX
TY 44 21 3 2 0 0 0 * When the tuner start the tuning process, the FT-897 is forced in TX
TY 44 25 3 2 0 0 0 * At the end of the tuning process, the FT-897 goes back in RX
TY 44 29 3 2 0 0 0 * All the components can be mounted inside the 9pin connector's shell
TY 44 33 3 2 0 0 0 * It needs an external 12Vdc power supply
MC 62 100 0 0 340
LI 82 120 110 120
MC 109 120 0 0 300
LI 124 100 124 110
LI 82 100 124 100
LI 159 97 169 97
EV 171 98 169 96
LI 176 100 185 100
LI 174 102 168 102
BE 174 102 176 103 174 104 174 104
BE 172 104 170 105 172 106 172 106
RV 172 101 174 109
LI 172 106 174 106
BE 174 106 176 107 174 108 174 108
LI 172 108 168 108
PP 176 98 175 99 177 99
LI 176 100 176 99
LI 124 108 168 108
MC 103 85 1 0 080
LI 103 95 103 100
LI 152 102 168 102
LI 152 71 152 102
LI 159 86 159 97
SA 152 85
LI 103 85 152 85
SA 104 120
```

```
BE 232 91 235 92 235 93 232 94
RV 216 91 227 94
RV 227 91 232 94
RV 216 89 197 96
TY 203 91 3 2 0 0 0 * 3.2
LI 229 100 185 100
LI 229 94 229 100
LI 222 86 222 91
LI 222 86 159 86
TY 27 69 4 3 0 0 0 * +12V
RV 166 91 180 114
MC 124 85 0 1 220
MC 47 71 0 1 010
LI 47 71 152 71
SA 104 164
MC 47 164 0 1 020
LI 46 164 124 164
LI 124 130 124 164
MC 54 143 3 1 220
LI 54 120 54 128
SA 54 120
MC 144 104 3 0 200
LI 144 85 144 90
SA 144 85
LI 144 103 144 108
SA 144 108
TY 60 120 3 2 0 0 0 * 2
TY 61 96 3 2 0 0 0 * 1
TY 81 96 3 2 0 0 0 * 5
TY 81 120 3 2 0 0 0 * 4
TY 135 159 3 2 0 0 0 * R1 = (Va - 1.2) x 66
TY 135 164 3 2 0 0 0 * R1 = (13.8 - 1.2) x 66 = 830
TY 164 105 3 2 0 0 0 * 3
TY 164 99 3 2 0 0 0 * 8
TY 164 94 3 2 0 0 0 * 5
TY 181 97 3 2 0 0 0 * 10
LI 171 97 177 95
RV 199 127 176 141
EV 187 125 189 127
EV 178 125 180 127
EV 195 125 197 127
EV 187 141 189 143
EV 178 141 180 143
EV 195 141 197 143
TY 178 122 3 2 0 0 0 * 1
TY 187 122 3 2 0 0 0 * 3
TY 195 122 3 2 0 0 0 * 5
TY 187 143 3 2 0 0 0 * 8
TY 195 143 3 2 0 0 0 * 6
TY 177 143 3 2 0 0 0 * 10
```

```
MC 188 129 1 0 120
EV 178 130 180 132
LI 179 127 179 130
LI 179 137 179 141
EV 178 136 180 138
LI 178 132 182 134
LI 188 127 188 130
LI 188 138 188 141
LI 182 134 184 134
LI 184 129 196 129
LI 184 134 184 129
LI 196 129 196 127
RV 176 131 177 137
MC 104 136 1 0 080
LI 104 120 104 136
LI 104 146 104 164
MC 36 100 0 1 000
MC 36 143 0 1 000
SA 36 120
TY 29 118 3 2 0 0 0 * GND
TY 31 98 3 2 0 0 0 * 1
TY 31 141 3 2 0 0 0 * 6
TY 21 129 4 3 90 0 0 * Remote
TY 17 127 4 3 90 0 0 * 9pin
PV 36 152 36 92 16 98 16 145
LI 35 143 54 143
LI 36 120 62 120
LI 62 100 35 100
TY 172 147 3 2 0 0 0 * V23026-A1002-B201
TY 113 110 3 2 0 0 0 * BC547
TY 67 119 3 2 0 0 0 * 4N35
TY 117 77 3 2 0 0 0 * Red LED
TY 56 139 3 2 0 0 0 * Green LED
BE 146 124 161 124 161 144 146 144
LI 146 124 146 144
SA 151 129
SA 151 134
SA 151 139
TY 143 133 3 2 0 0 0 * B
TY 143 127 3 2 0 0 0 * E
TY 143 139 3 2 0 0 0 * C
TY 146 147 3 2 0 0 0 * BC547
TY 132 99 3 2 0 0 0 * 1N4148
TY 96 135 3 2 0 0 0 * 10K
TY 97 85 3 2 0 0 0 * R1
SA 103 100
MC 95 252 1 0 610
MC 90 217 1 0 590
TY 79 220 2 2 0 0 0 * 1
TY 94 272 2 2 0 0 0 * 1
```

```
RV 78 227 79 232
RV 96 262 97 267
BE 85 242 86 244 88 247 85 252
SA 87 247
PP 87 262 83 262 85 266
LI 87 266 83 266
LI 85 254 85 258
LI 85 258 85 274
LI 85 275 85 257
BE 80 217 54 216 93 241 41 241
TY 32 239 3 2 0 0 0 * 1
EV 30 239 35 243
TY 30 232 2 2 0 0 0 * GND
EV 30 231 35 235
TY 32 223 3 2 0 0 0 * 6
EV 30 223 35 227
LI 41 225 35 225
LI 41 233 35 233
LI 41 241 35 241
BE 92 292 82 292 75 292 75 277
TY 110 264 3 2 90 0 0 * 820
MC 111 266 3 0 080
BE 183 263 183 253 183 250 169 250
TY 98 229 3 2 0 0 0 * 10K
BE 105 230 107 230 108 230 110 230
LI 109 228 109 238
SA 111 230
SA 111 233
SA 111 236
BE 109 228 116 228 116 238 109 238
MC 96 230 0 0 080
LI 111 256 111 236
BE 90 242 101 248 106 238 110 233
BE 96 230 96 234 94 235 111 233
BE 87 247 96 248 107 250 111 236
PP 109 273 113 273 111 269
PP 106 267 108 268 107 269
LI 109 270 106 267
PP 106 269 108 270 107 271
LI 109 272 106 269
TY 104 266 3 2 0 0 0 * R
LI 113 269 109 269
BE 186 263 189 264 189 265 186 266
RV 170 263 181 266
RV 181 263 186 266
RV 170 261 151 268
TY 152 263 3 2 0 0 0 * To FT-897
LI 176 277 176 266
BE 159 292 169 292 176 292 176 277
LI 92 292 164 292
```

```
BE 80 209 84 209 85 214 85 217
BE 90 209 86 209 85 214 85 217
LI 90 209 106 209
LI 116 209 106 209
PP 113 211 113 207 109 209
LI 109 211 109 207
BE 116 209 132 210 135 195 116 196
LI 117 196 78 196
BE 81 209 45 204 79 233 41 233
BE 83 196 42 194 69 224 41 225
PP 109 204 110 206 111 205
LI 112 207 109 204
PP 107 204 108 206 109 205
LI 110 207 107 204
TY 112 203 3 2 0 0 0 * G
TY 164 228 3 2 0 0 0 * -
EV 162 228 167 232
LI 111 230 162 230
SA 111 279
BE 111 279 107 288 87 285 85 277
TY 23 218 3 2 0 0 0 * 9pin Remote
TY 79 269 3 2 90 0 0 * 1N4148
TY 81 228 3 2 0 0 0 * 4N35
TY 108 224 3 2 0 0 0 * BC547
BE 116 250 114 250 113 249 111 249
BE 106 250 108 250 109 249 111 249
LI 116 250 169 250
BE 95 252 95 249 107 250 106 250
BE 129 283 119 284 113 283 111 279
LI 129 283 162 283
TY 164 281 3 2 0 0 0 * +
EV 162 281 167 285
LI 111 279 111 266
SA 85 277
SA 85 252
SA 85 215
TY 23 214 3 2 0 0 0 * To MFJ-993b
TY 38 265 3 2 0 0 0 * V23026-A1002-B201
TY 191 263 3 2 0 0 0 * ACC socket
TY 238 90 3 2 0 0 0 * FT-897
TY 238 95 3 2 0 0 0 * ACC socket
TY 44 42 3 2 0 0 0 * apply a small negative voltage (-1/-4V) to the tip, in order to reduce
the TX power
TY 44 38 3 2 0 0 0 * Possible improvement:
RV 17 2 260 53
TY 233 48 3 2 0 0 0 * October 2009
TY 44 13 3 2 0 0 0 * Interface for MFJ-993b - Yaesu FT-897/D
```

--- In FT897@yahoogroups.com, "m0mgf" <radio@...> wrote:
>

> Thank you for the reply.
> I have just been going over what schematics I can find for the interface and the CAT port, and it looks like it is a 5v control line through out.
> BUT.... What would be missing is the ability for the ATU to tell the radio to stop TX'ing once a adequate tune condition is reached.
> Oh well. I will just carry on doing as you have indicated, and use the whistle method to initiate the tune cycle.
>
> Many thanks
>
> Jase
> M0MGF
>
> --- In FT897@yahoogroups.com, "iz0inx" <iz0inx@> wrote:
> >
> > I believe you are talking about the MFJ-5124K/Y.
> >
> > Yes, I agree with you, it is unreasonably expensive and, in my opinion, absolutely useless.
> > I don't know whether your solution will work, what I know is that in the interface there is a PIC, I believe it works as protocol converter, so, unless the protocol (and the voltage levels) of the MFJ is compatible with the Yeasu one, it won't work.
> >
> > The MFJ-993b can work in "Auto" mode. Just push the "Auto" button and when you transmit the tuner will detect the RF and the tune process will automatically start.
> >
> > I know, you have to produce RF, so the options are to whistle into the mike when in SSB or switch to AM/FM and push the PTT.
> >
> > I also didn't like that solution so, what I did, is to build a simple and cheap interface which detects the "tuning" status (started by pressing the "Tune" button on the Tuner) and put the RIG in the TX mode by closing the ring and the sleeve contacts of the ACC socket on the rig.
> > In other words, it acts as the Y-ACC cable when connected to the LDG AT897 tuner.
> >
> > This way, when I want to tune, just push the "tune" button on the tuner. Then the RIG will produce RF till the tune process is completed. Very simple.
> > An improvement would be to add a low negative voltage to the tip on the ACC, so that the power is reduced.
> >
> > Hope this is helpful
> > cheers,
> > Fil IZ0INX
> >
> >
> > -- In FT897@yahoogroups.com, "m0mgf" <radio@> wrote:
> > >
> > > I do not want to spend a lot of money (well it is here in England) for
> > > an interface to connect the FT-897D to the MFJ-993B. Has anyone tried a
> > > homebrew version, by directly connecting the two devices together?

> > >
> > > From looking at the manuals,
> > > Radio: TxD and Tx GND to ATU: Radio interface
> > > socket
> > > Radio: 13.8v and GRND to ATU: Power socket
> > >
> > > Will this work? or why have MFJ inserted an interface, what is it
> > > actually doing?
> > >
> > >
> > > Regards for any assistance
> > > Jason
> > > M0MGF
> > >
> >
>

30826. Re: Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-08-11 00:21:06 UTC
From: iz0inx
Topic: 30693 Message: 30826

Just to say that in the post the text became wrong formatted.

So, after pasted it into a text file, please remove the <CR>/<LF> at the end of the three long text lines.
In other words: each "TY" line should have the text in the same line, no wrap, otherwise an error will occur.

Fil IZ0INX

30827. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 00:50:29 UTC
From: Danny Loyd
Topic: 30819 Message: 30827

Dean,

I don't have memories 601 through 605. What now?

Danny
KE5WDI

From: Dean Gibson AE7Q <yahoo@...>
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 3:21:12 PM
Subject: Re: [FT897] 60 Meter question

You need to go to the radio's memory section (press "V/M") and try to
select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
CH" knob to the left). If you can, the unit has the channels, and
that's what you must use, not manually tuning the radio. If you have
the USA FT-897D manual (if not, you can download it from the Yaesu web
site), that's documented on page 23.

On 2010-08-10 12:37, Danny Loyd wrote:
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning

> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
>
> channels??
>
> Thank you, Danny / KE5WDI
>

[Non-text portions of this message have been removed]

30828. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 00:54:55 UTC
From: Dean Nash
Topic: 30819 Message: 30828

Buy a D model.

73 de N4SHD

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 8:50:29 PM
Subject: Re: [FT897] 60 Meter question

Dean,

I don't have memories 601 through 605. What now?

Danny
KE5WDI

From: Dean Gibson AE7Q <yahoo@ae7q.net>
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 3:21:12 PM
Subject: Re: [FT897] 60 Meter question

You need to go to the radio's memory section (press "V/M") and try to
select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
CH" knob to the left). If you can, the unit has the channels, and
that's what you must use, not manually tuning the radio. If you have
the USA FT-897D manual (if not, you can download it from the Yaesu web
site), that's documented on page 23.

On 2010-08-10 12:37, Danny Loyd wrote:
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning

> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
>
>
> channels??
>
> Thank you, Danny / KE5WDI
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30829. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 01:18:56 UTC
From: DALE
Topic: 30819 Message: 30829

No body on 60 M anyway.
You can software wide band it and program the PROPER frequencies into the memories.

I did that with mine so I could get on 60 M when it became available.
I have a better radio for that now. I cannot get my 817 to revert back to normal now.
Dale

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 5:50:29 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] 60 Meter question

Dean,

I don't have memories 601 through 605. What now?

Danny
KE5WDI

From: Dean Gibson AE7Q < yahoo@... >
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 3:21:12 PM
Subject: Re: [FT897] 60 Meter question

You need to go to the radio's memory section (press "V/M") and try to
select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
CH" knob to the left). If you can, the unit has the channels, and
that's what you must use, not manually tuning the radio. If you have
the USA FT-897D manual (if not, you can download it from the Yaesu web
site), that's documented on page 23.

On 2010-08-10 12:37, Danny Loyd wrote:
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning

> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
>
> channels??
>
> Thank you, Danny / KE5WDI
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30830. New model soon

Yahoo group: FT897 (2010)
Date: 2010-08-09 18:38:21 UTC
From: nickcarr3151
Topic: 30830 Message: 30830

Hi Guys --

For some time now, I've been debating on picking up the 897D for a portable rig so I can take hiking, camping, etc. I owned the 817ND for a short time but I sold it. Overall it was a neat little radio, but I couldn't get use to the 5w output. Granted, I was shocked with how much 5w would do (with a proper antenna system) but I was wanting more.

I've held off buying the 897 recently because I'm thinking Yaesu (or perhaps Icom) may be thinking of releasing a new model next year.

Is the 897D worth buying now, or should I wait until next year? Has there been any rumors of a new model?

I'm not sure how much use I would get for the remaining year (as I've used up vacation time) so I'm not in any real hurry to buy right now.

Thanks
-Nick

30831. Re: 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 19:46:31 UTC
From: wa4dyn
Topic: 30819 Message: 30831

Danny,

The best way to check is to follow the
intructions on page 23 of the FT-897D operation manual titled:

OPERATION ON 5 MHZ BAND
(U.S. VERSION ONLY)

If you do not have the memory entries mentioned there, you probably don't have a D model.

73 Bob
WA4DYN

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning
> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
> channels??
>
> Thank you,
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Dean Gibson AE7Q <yahoo@...>
> To: FT897@yahoogroups.com
> Sent: Tue, August 10, 2010 1:58:49 PM
> Subject: Re: [FT897] 60 Meter question
>
> Â
> On 2010-08-10 11:33, DALE wrote:
> > You are not allowed to tune up on 60 meters.
>
> We had a very long thread on this topic in this group, starting on
> 2005-06-30; I contacted and received an opinion on the matter from the
> FCC's legal counsel Riley Hollingsworth, which was posted in that thread.
>
> Briefly, you can tune up on 60m, but you have to be careful how you do
> it. Eg, the tuning emissions must be in the middle of the channel, and
> not at the SSB suppressed carrier frequency !
>

> -- Dean / AE7Q
>
>
>
> [Non-text portions of this message have been removed]
>

30832. Re: Radio - ATU interface

Yahoo group: FT897 (2010)
Date: 2010-08-09 06:47:53 UTC
From: colin.bell99
Topic: 30693 Message: 30832

Jase,

I am not an MFJ-993 owner but.... I had a good look at buying one....

I would be looking at the remote interface and design a small box to trigger the MFJ to tune (say a one second pulse) and have another line that connects to the ACC jack on the FT897D to set/unset the FT897d into transmit mode.

In Fils reply I would expect the action of the Tuner in detecting a good matching point to automatically switch the FT897 back to RX mode (as the LDG897 and Z100 do).

However the MFJ 993 has an auto mode where the implication is to tune whenever the tuner detects a poor SWR. So if this is the case all you need is to send a continuous CW carrier until the tuner is tuned (or am I missing something?).

You ask why the radio interface? I would imagine it is a serial line (oneway or two way I don't know) that enables, via the different option cables, control of different rigs.

I am currently going through similar problems with an FT450. I supplanted my fixed FT897 with an FT450 and now need to get an LDG Z100 tuner to switch the FT450, as it did the FT897.

Hope this helps.

73 de Colin 2E0BPP

30833. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-09 06:03:00 UTC
From: colin.bell99
Topic: 30811 Message: 30833

Bill,

This problem has been reported on this group before.

Seems (as I remember) there maybe a broken ceramic filter.

As you have it with the aerial unplugged it must be in the radio.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "bty78009284" <billhughes1968@...> wrote:
>
> Hi All
> I have had my ft897d for three years and has seen meny addons the last being dsp modual.
> This morning turned on the radio on every band was this static like popping some of them S6 on the meter, I changed the modes not heard on fm,uhf,vhf or fm, unplugged the ant still there came off mains on to battery still there. Please any ideas?
>
> Thanks in advance.
> Bill
> M3PTQ
>

30834. Re: [FT897] static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-08 15:38:31 UTC
From: Fred Gibbons
Topic: 30811 Message: 30834

Check out the AM FILTER 7 series had bad batch of filters,73

-------Original Message-------

From: bty78009284
Date: 08/08/10 16:34:28
To: FT897@yahoogroups.com
Subject: [FT897] static crashes

Hi All
I have had my ft897d for three years and has seen meny addons the last being dsp modual.
This morning turned on the radio on every band was this static like popping some of them S6 on the meter, I changed the modes not heard on fm,uhf,vhf or fm, unplugged the ant still there came off mains on to battery still there.
Please any ideas?

Thanks in advance.
Bill
M3PTQ

[Non-text portions of this message have been removed]

30835. Re: [FT897] how to identify ft 897 and Ft897 D

Yahoo group: FT897 (2010)
Date: 2010-08-07 15:23:07 UTC
From: Roberto Waha
Topic: 30802 Message: 30835

2010/8/7 Stanton Royce <extremeachievers@...>:
> You might check for any Yaesu promotional or advertising literature for the
> FT-897D for the country for which it was made to see if there are any easily
> recognizable features such as with the 60 meter band for the USA version of the
> D..

The Italian version of the FT-897D (also named FT-897D/I) sports an
SSB COLLINS YF-122S filter as well.

73!
Rob

--
+---------------=* Roberto Waha - robwaha@... *=----------------+
| El Senyor és la meva força, el Senyor el meu cant. |
| Ell m'ha estat la salvació. En Ell confío i no tinc por. |
+---+
| PGP Fingerprint: A6C8 4BD6 06D0 D51F 0F41 B69F 2530 FB6A 6442 627B |
+---+

30836. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 02:42:30 UTC
From: Rob Stampfli
Topic: 30819 Message: 30836

If you don't have M-601 through M-605, you probably don't have an 897D.
I'd suggest two other unlikely possibilities before you resort to a
hardware or software kludge to open the radio up:

1. If you have MEM GROUPs turned on, these memories will be in
Ml-001 through Ml-005 instead.

2. I suppose it is conceivable that someone may have either hidden
or reprogrammed these memory cells. A full software reset should
restore them (I think), if you do indeed have an 897D.

What is your 897's serial number?

Rob

On Tue, Aug 10, 2010 at 05:50:29PM -0700, Danny Loyd wrote:
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _________________________________
> From: Dean Gibson AE7Q <yahoo@...>
> To: FT897@yahoogroups.com
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
> ?
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
> CH" knob to the left). If you can, the unit has the channels, and
> that's what you must use, not manually tuning the radio. If you have
> the USA FT-897D manual (if not, you can download it from the Yaesu web
> site), that's documented on page 23.
>
> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the designated tuning
>
> > frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for the 60 meter
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI

> >
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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30837. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 13:55:36 UTC
From: PY5VB-Villas Boas
Topic: 30819 Message: 30837

Danny:

Your FT897D is mod to MARS ? If you do this mod, you lost M601 through M605 memories.

73, Villas - PY5VB

Em 10/08/2010 21:50, Danny Loyd escreveu:
>
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _____
> From: Dean Gibson AE7Q <yahoo@... <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
> CH" knob to the left). If you can, the unit has the channels, and
> that's what you must use, not manually tuning the radio. If you have
> the USA FT-897D manual (if not, you can download it from the Yaesu web
> site), that's documented on page 23.
>
> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the
> designated tuning
>
> > frequency according to the ARRL Band plan chart I have and I get a
> TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for
> the 60 meter
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>
> [Non-text portions of this message have been removed]
>

>

[Non-text portions of this message have been removed]

30838. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 16:13:31 UTC
From: Danny Loyd
Topic: 30819 Message: 30838

Don't know the serial number yet. I have to figure out how to get the AT-897 off the side of it to look. I am figuring I have to take the cover off the AT-897 to get to the bolts. Will take the time to do it this weekend.

Danny
KE5WDI

_____
From: Rob Stampfli <res@...>
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 9:42:30 PM
Subject: Re: [FT897] 60 Meter question

If you don't have M-601 through M-605, you probably don't have an 897D.
I'd suggest two other unlikely possibilities before you resort to a
hardware or software kludge to open the radio up:

1. If you have MEM GROUPs turned on, these memories will be in
Ml-001 through Ml-005 instead.

2. I suppose it is conceivable that someone may have either hidden
or reprogrammed these memory cells. A full software reset should
restore them (I think), if you do indeed have an 897D.

What is your 897's serial number?

Rob

On Tue, Aug 10, 2010 at 05:50:29PM -0700, Danny Loyd wrote:
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _____
> From: Dean Gibson AE7Q <yahoo@...>
> To: FT897@yahoogroups.com
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
> CH" knob to the left). If you can, the unit has the channels, and
> that's what you must use, not manually tuning the radio. If you have

> the USA FT-897D manual (if not, you can download it from the Yaesu web
> site), that's documented on page 23.
>
> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the designated
>tuning
>
>
> > frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for the 60
>meter
>
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

30839. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 16:17:19 UTC
From: Danny Loyd
Topic: 30819 Message: 30839

Not sure if it is Mod to MARS or not. I bought it second hand on eBay where it was advertised as a D model. Not sure what changes the previous owner made. If it is mod for MARS, this is a good thing as I want to get into Navy MARS and would have to do the modification anyway. How do I tell if it has been modified for MARS?

I know these may sound like dumb questions, but I am just now getting into the technical and electronic part of radio again after along time away from doing any electronic work.

Danny
KE5WDI

P.S. Just want to make sure I am right before I blow up anything.

From: PY5VB-Villas Boas <py5vb@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 8:55:36 AM
Subject: Re: [FT897] 60 Meter question

Danny:

Your FT897D is mod to MARS ? If you do this mod, you lost M601 through M605 memories.

73, Villas - PY5VB

Em 10/08/2010 21:50, Danny Loyd escreveu:
>
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> ---
> From: Dean Gibson AE7Q <yahoo@... <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
> CH" knob to the left). If you can, the unit has the channels, and

> that's what you must use, not manually tuning the radio. If you have
> the USA FT-897D manual (if not, you can download it from the Yaesu web
> site), that's documented on page 23.
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> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the
> designated tuning
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> > frequency according to the ARRL Band plan chart I have and I get a
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> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

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30840. RE: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 16:37:04 UTC
From: Joseph Richard
Topic: 30819 Message: 30840

MARS mod
Tune it to any non ham frequency- i.e. 11m. Key the mic if you do not see TX error, then it has the MARS modification

AT897
Remove the four screws on the case and then the four screws on the inside of the unit. These screws go through the circuit board and attaches to the case.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Wednesday, August 11, 2010 11:17 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Not sure if it is Mod to MARS or not. I bought it second hand on eBay where it was advertised as a D model. Not sure what changes the previous owner made. If it is mod for MARS, this is a good thing as I want to get into Navy MARS and would have to do the modification anyway. How do I tell if it has been modified for MARS?

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Yahoo! Groups Links

30841. Re: New model soon

Yahoo group: FT897 (2010)
Date: 2010-08-11 17:58:45 UTC
From: faygopaygo
Topic: 30830 Message: 30841

Nick,

In MHO I would stick to the 817 for anything that would involve hiking or or the need to carry the rig any distance. The 897 is pretty heavy empty and with batteries you're talking 10-12 lb.s, plus it's bulky. Not my idea of a fun hike. If you can't get past the 5W power limit of the 817 I would suggest the 857 with a custom LiPoly or LiFe external battery pack. This would enable full power op.s with half the weight of a 20W limited 897 with internal batteries. Is the difference between 5 and 20W output worth 3 times the weight? Not to me!!! I still don't understand the strategy of marketing a heavy rig with a heavy internal battery pack with a 20W limit as being "portable". My IC-751 has a handle, an internal 110V PSU and weighs 20+ lb.s but I can carry it and plug it into a battery supply or 110V source anywhere I go and operate at 100W. Does that qualify it as "portable". I use my 897 as a base rig and for car camping/FD type op's, that's it. If I'm walking I use something like the 817 and as good an antenna as possible. Best suggestion, stick an extra 8 lb.s (weight difference between 817 loaded and 897 loaded)of water in your pack and take a nice 5-10 mile hike and ask yourself which rig you want? As far as new portable rigs go I haven't heard of anything but that doesn't say much. I like the 857 for it's size/weight to power ratio. If they could put a new tech internal battery with full power capability into it and keep the weight under 6 lb.s then I would consider using it for hiking type op.s.

My .02, hope this helps,

Randy
KG6WCA

--- In FT897@yahoogroups.com, "nickcarr3151" <nickcarr3151@...> wrote:
>
> Hi Guys --
>
> For some time now, I've been debating on picking up the 897D for a portable rig so I can take hiking, camping, etc. I owned the 817ND for a short time but I sold it. Overall it was a neat little radio, but I couldn't get use to the 5w output. Granted, I was shocked with how much 5w would do (with a proper antenna system) but I was wanting more.
>
> I've held off buying the 897 recently because I'm thinking Yaesu (or perhaps Icom) may be thinking of releasing a new model next year.
>
> Is the 897D worth buying now, or should I wait until next year? Has there been any rumors of a new model?
>
> I'm not sure how much use I would get for the remaining year (as I've used up vacation time) so I'm not in any real hurry to buy right now.
>
>
> Thanks
> -Nick

>

30842. what is best

Yahoo group: FT897 (2010)
Date: 2010-08-11 10:46:58 UTC
From: graham
Topic: 30842 Message: 30842

Hi All I am looking to get a new radio but which one?
857 or 897, are that the same apart from size please help me deside

Thanks Graham M3OEL

30843. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 18:28:10 UTC
From: Danny Loyd
Topic: 30819 Message: 30843

Thanks, JR I will give this a try.

Danny
KE5WDI

From: Joseph Richard <jrichard333@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 11:37:04 AM
Subject: RE: [FT897] 60 Meter question

MARS mod
Tune it to any non ham frequency- i.e. 11m. Key the mic if you do not see TX error, then it has the MARS modification

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

30844. RE: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 18:49:43 UTC
From: Joseph Richard
Topic: 30819 Message: 30844

You're welcome.

Have fun.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Wednesday, August 11, 2010 1:28 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Thanks, JR I will give this a try.

Danny
KE5WDI

From: Joseph Richard <jrichard333@hotmail.com>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 11:37:04 AM
Subject: RE: [FT897] 60 Meter question

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30845. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-11 21:10:47 UTC
From: faygopaygo
Topic: 30842 Message: 30845

Graham,

Depends on what you want to do with it. If you want to do any mobile ops at all you want the 857. As far as I'm concerned, for any other use, it's the 857 also, provided you have a computer to run HRD when running the 857 as a base rig. I have an 897 and I like it for the price I paid. If I could do it over again I would go with the 857(cheaper, smaller, lighter, same guts and capabilities). Before HRD I would have said the 897 for base or portable op.s and the 857 for mobile or portable. HRD changes the playing field. You can make your 817 into a base rig if you want! I also think the 857 with a new tech (LiPoly or LiFe) external battery is a far better portable rig than the 897. Granted, you do pay out the wahzoo for those batteries and you need a dedicated charger for them (there is no free lunch!). However, their fantastic power to weight ratio makes them worth it, especially when you see what Yaesu is charging for their old tech batteries and chargers!! (See the A123 site http://www.a123systems.com/ for info on LiFe batteries)

Hope this helps,

Randy
KG6WCA

--- In FT897@yahoogroups.com, "graham" <m3oel@...> wrote:
>
> Hi All I am looking to get a new radio but which one?
> 857 or 897, are that the same apart from size please help me deside
>
> Thanks Graham M3OEL
>

30846. Re: [FT897] what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 01:20:27 UTC
From: KB1TCD
Topic: 30842 Message: 30846

We really enjoy the 897!
Our daughter is house sitting at a place on the ocean in So Portland, Maine, about an hour and a half south of us, so...
We took it out today portable w/a whip antenna up 15 feet using an LDG 897 tuner and had a great time.
We DXd w/Germany, Dominican Republic, Cuba, Greece as well as US stations.
Rig is bigger than the 857 so you don't need a laptop to carry along, personally, I'd stick to the 897.
Back home it was set up in the shack where I mostly use it for digital in about 15 minutes.

73 de KB1TCD

From: graham <m3oel@yahoo.co.uk>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 6:46:58 AM
Subject: [FT897] what is best

Hi All I am looking to get a new radio but which one?
857 or 897, are that the same apart from size please help me deside

Thanks Graham M3OEL

[Non-text portions of this message have been removed]

30847. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 08:32:01 UTC
From: graham
Topic: 30842 Message: 30847

Thanks for the reply's I am still undesided i will be using HRD. the 857 is cheaper and dose the same

thanks all Graham M3OEL

--- In FT897@yahoogroups.com, "faygopaygo" <faygopaygo@...> wrote:
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> Graham,
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> > Thanks Graham M3OEL
> >
>

30848. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 09:40:55 UTC
From: m0mgf
Topic: 30842 Message: 30848

Good morning,
If you are wanting the radio for in the car, then get the 857, it has the detatchable front, and is small enough to hide away.
IF you want something that you can take out on portable / field days, then the 897 wins. It is built like a brick sh*t house and will take knocks in its stride. Internal batteries (optional) gives you the portability so you are no longer beholded to a generator or large lead acid battery.
For the home, well, if you are limited for space then either will do the job, both having the same menu and as you are already aware, the same innards. But personally a if space is not a problem, I would opt for a larger radio...

Anyway, just my pennies worth and I hope you find some of it helpful.

Jase
M0MGF

--- In FT897@yahoogroups.com, "graham" <m3oel@...> wrote:
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> Thanks for the reply's I am still undesided i will be using HRD. the 857 is cheaper and dose the same
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30849. Re: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:56:02 UTC
From: Finnigann2580
Topic: 30842 Message: 30849

On Thu, 12 Aug 2010 01:32:01 -0700, graham <m3oel@...> wrote:

> Thanks for the reply's I am still undesided i will be using HRD. the 857
> is cheaper and dose the same
>
> thanks all Graham M3OEL

BUT not in the same way. I choose the 897 over the 857 because the
controls are larger. And after seeing the 857, I very glad I did. I could
no more have used the 857 than a pig could send code...

You're right, the two radios are very similar, but they are also very
different, too.
--
Using Opera's revolutionary email client: http://www.opera.com/mail/

30850. RE: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 13:54:21 UTC
From: Joseph Richard
Topic: 30842 Message: 30850

Spend the extra pounds on the 897D. It has more options than the 857D. Go to one of the stores and take a look at them. The 857D is very tiny and it is a pain in the neck to work all of the functions. The 897D is very portable and you can use the bolt on power supply and antenna tuner which will make it a breeze to carry with you.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of graham
Sent: Thursday, August 12, 2010 3:32 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: what is best

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Yahoo! Groups Links

30851. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:00:53 UTC
From: Danny Loyd
Topic: 30819 Message: 30851

Tried to use my radio out of the Ham bands and got TX ERROR. So I believe that I have a non-D. Works great, but seller shouldn't have advertised as a D if it wasn't. I have no complaints at all about the radio. Next question is how do I expand it for MARS. Is a software expansion or a jumper change? I know this has probably been discussed before, but I am finding out that finding past threads on this group isn't very user friendly especially for me.

Thanks,

Danny
KE5WDI

From: Joseph Richard <jrichard333@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 1:49:43 PM
Subject: RE: [FT897] 60 Meter question

You're welcome.

Have fun.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Wednesday, August 11, 2010 1:28 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Thanks, JR I will give this a try.

Danny
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From: Joseph Richard <jrichard333@hotmail.com>
To: FT897@yahoogroups.com
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Subject: RE: [FT897] 60 Meter question

MARS mod
Tune it to any non ham frequency- i.e. 11m. Key the mic if you do not see TX error, then it has the MARS modification

AT897
Remove the four screws on the case and then the four screws on the inside of

the unit. These screws go through the circuit board and attaches to the case.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Wednesday, August 11, 2010 11:17 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Not sure if it is Mod to MARS or not. I bought it second hand on eBay where it was advertised as a D model. Not sure what changes the previous owner made. If it is mod for MARS, this is a good thing as I want to get into Navy MARS and would have to do the modification anyway. How do I tell if it has been modified for MARS?

I know these may sound like dumb questions, but I am just now getting into the technical and electronic part of radio again after along time away from doing any electronic work.

Danny
KE5WDI

P.S. Just want to make sure I am right before I blow up anything.

_____
From: PY5VB-Villas Boas <py5vb@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 8:55:36 AM
Subject: Re: [FT897] 60 Meter question

Danny:

Your FT897D is mod to MARS ? If you do this mod, you lost M601 through M605 memories.

73, Villas - PY5VB

Em 10/08/2010 21:50, Danny Loyd escreveu:
>
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _____
> From: Dean Gibson AE7Q <yahoo@ae7q.net <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM

> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the
> "Mem/VFO CH" knob to the left). If you can, the unit has the channels,
> and that's what you must use, not manually tuning the radio. If you
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> On 2010-08-10 12:37, Danny Loyd wrote:
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Yahoo! Groups Links

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Yahoo! Groups Links

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30852. Re: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:15:13 UTC
From: Keith Carpenter
Topic: 30842 Message: 30852

I own both.

I really feel the FT-897D is worth the extra money, as the TXCO is already installed. The display is easier to read as well. Plus the FT-897D has some great options that either mount in the radio (power supply and batteries) or on the radio (ATU). I bought the FT-897D in January 2010 after using a friends while out camping. I really liked it, and wish I had bought one years ago.

I run the FT-857D in my wifes car, where I usually ride as a passenger. Tiny display and tiny buttons are logical there. I have owned the FT-857D since August 2005, with no problems.

73!

Keith WD0FIA

--- On Thu, 8/12/10, Finnigann2580 <finnigann2580@...> wrote:

From: Finnigann2580 <finnigann2580@...>
Subject: Re: [FT897] Re: what is best
To: FT897@yahoogroups.com
Date: Thursday, August 12, 2010, 2:56 PM

On Thu, 12 Aug 2010 01:32:01 -0700, graham <m3oel@...> wrote:

> Thanks for the reply's I am still undesided i will be using HRD. the 857
> is cheaper and dose the same
>
> thanks all Graham M3OEL

BUT not in the same way. I choose the 897 over the 857 because the
controls are larger. And after seeing the 857, I very glad I did. I could
no more have used the 857 than a pig could send code...

You're right, the two radios are very similar, but they are also very
different, too.
--
Using Opera's revolutionary email client: http://www.opera.com/mail/

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30853. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:21:06 UTC
From: Carl Wulfestieg
Topic: 30819 Message: 30853

Danny-
Did you remove the tuner (as you were advised) yet? If so, what is the Serial Number?
I see what you mean about wideband threads- I went to the group and searched for "MARS mod"- Wow! There must be hundreds of messages, mostly useless- I don't have an answer for that-
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30854. Re: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:28:55 UTC
From: Joe
Topic: 30842 Message: 30854

However....

If you wish to install the radio in your vehicle, you will find the FT-897D is too big. I traded my 897 for an 857 for that reason. The FT-857D has a detachable faceplate so it can be installed remotely. As with the 897, the readout is tiny, but easily corrected with an LDG 897 meter.

The on-board battery capability of the 897 seems nice at first, but....your power is automatically reduced to 20W out and it makes the radio extremely heavy..no fun carrying it any great distance....Now, I pack my A-123 batteries in and can run my 857 all day on a primary and 1 backup set. Contemplating a nice set of solar cells to recharge the batteries during periods of non-usage. Unfortunately, the Harbor Freight cells just aren't big enough.....

The two radios are now identical, electronically, so the big choice for me was portability vs. installibility. I opted for installibility, obviously. But I had to have the 897 first to be able to make that choice.

A word of caution, the FC-30 tuner is garbage. Extremely high failure rate. The LDG tuner is much, MUCH better.

In any case, have fun choosing....good radio, no matter which you pick.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Joseph Richard" <jrichard333@...>
Subject: RE: [FT897] Re: what is best

> Spend the extra pounds on the 897D. It has more options than the 857D.
> Go
> to one of the stores and take a look at them. The 857D is very tiny and
> it
> is a pain in the neck to work all of the functions. The 897D is very
> portable and you can use the bolt on power supply and antenna tuner which
> will make it a breeze to carry with you.

30855. Re: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:30:41 UTC
From: Joe
Topic: 30842 Message: 30855

FYI..the FT-857D comes with the TXCO filter installed...no longer an option.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Keith Carpenter" <afa7mu@...>
Subject: Re: [FT897] Re: what is best

I really feel the FT-897D is worth the extra money, as the TXCO is already installed.

30856. Re: 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 15:10:33 UTC
From: g8hul
Topic: 30819 Message: 30856

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Tried to use my radio out of the Ham bands and got TX ERROR. So I believe that I
> have a non-D.

That is no indication of whether your radio id a'D' or not. All models will do this unless widebanded.

Have a look in the files section of this group under 'Mods' and you will fing the Yaesu sheet that describes what the jumpers do. That will help you select the correct links.

THe serial no will settle the matter of whether it is a D or not.

73
Jeff
G8HUL

30857. RE: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 15:27:12 UTC
From: Joseph Richard
Topic: 30819 Message: 30857

It might be easier for you to send the radio to Yaesu or call them on the phone and send them all of your MARS/ CAPs information and let them send you the procedure or mail the radio off to them for them to do it. Who knows, if they do it you might be able to keep the 60m band.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Thursday, August 12, 2010 9:01 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Tried to use my radio out of the Ham bands and got TX ERROR. So I believe that I have a non-D. Works great, but seller shouldn't have advertised as a D if it wasn't. I have no complaints at all about the radio. Next question is how do I expand it for MARS. Is a software expansion or a jumper change? I know this has probably been discussed before, but I am finding out that finding past threads on this group isn't very user friendly especially for me.

Thanks,

Danny
KE5WDI

From: Joseph Richard <jrichard333@hotmail.com>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 1:49:43 PM
Subject: RE: [FT897] 60 Meter question

You're welcome.

Have fun.

JR

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From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Wednesday, August 11, 2010 1:28 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Thanks, JR I will give this a try.

Danny
KE5WDI

From: Joseph Richard <jrichard333@...>
To: FT897@...m
Sent: Wed, August 11, 2010 11:37:04 AM
Subject: RE: [FT897] 60 Meter question

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Danny
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P.S. Just want to make sure I am right before I blow up anything.

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73, Villas - PY5VB

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Yahoo! Groups Links

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Yahoo! Groups Links

30858. No S-meter indication on display

Yahoo group: FT897 (2010)
Date: 2010-08-12 15:26:45 UTC
From: ka9ofapancho
Topic: 30858 Message: 30858

I get no indication on the display on my FT-897D in spite of the fact I'm getting a good signal. It did wokr very well up until recently.
What did I or am I doing wrong? I've tried everything I can think of.

Pancho

30859. Re: No S-meter indication on display

Yahoo group: FT897 (2010)
Date: 2010-08-12 15:46:17 UTC
From: g8hul
Topic: 30858 Message: 30859

--- In FT897@yahoogroups.com, "ka9ofapancho" <adoneis@...> wrote:
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> What did I or am I doing wrong? I've tried everything I can think of.
>
> Pancho
>

Make sure that you have not turned the AGC off, as this will stop the S meter displaying.

Jeff

30860. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-12 15:53:27 UTC
From: harry l
Topic: 30842 Message: 30860

My .02 cents worth...

I have owned the 817, 857D and now the 897D. In fact I have had (4) 817's starting right after the first came out and will probably pick up another used one someday in the near future. That being said let me give you my impressions and thoughts.

The FT-817 is a great do most all portable QRP rig. The radio does need filters to make it better at least on CW, but even without it the radio is nothing sort of amazing. On the negative side the controls are small so if you have fat fingers and/or bad eyesight this could be a problem. The internal battery is nice for short QSO's. If you are doing a day thing you will need an external battery pack. Other then that I have found the radio to be a fun radio.

The FT-857D has been a bad radio for me. Have had two. Both failed. Both went back to be repaired by Yeasu. Both are gone now. It was replace with a IC-706MKII and quite frankly the 706 was a hell of a lot easier to use, had a better receiver and you for mobile was better all around. What caused me grief was the finals blowing. A common problem I found out later. The radio is really the FT-897 crammed into a smaller package, thus harder to get rid of the heat. So I am not pleased with my 857D experience and can not and will not recommend it to anyone. Others will..but I can't.

The FT-897D I got used with the LDG-987 ATU and both filters. It also had the internal battery pack. I got rid of that in trade for the fancy do all mic. I then got the FB-20 internal PS. Now I have a do all rig that can plug into any wall socket and run, or I can pull the connector loose and use the radio mobile or with battery pack. To me this configuration makes the radio ideal for most anything at anytime. The only negative I have is the CAT port is not a great design. No matter which control program I use the stupid thing drops out randomly. I did finally get the radio to work with FTBasicMM...a must software to get. So that is all I use the port for. Preloading the memories.

So my first choice is the FT-897. The second is the FT-817 and probably get a used one anyway just to have it to play with. The 857 I would not get another for any reason.

Hope that helps

73
Harry K7ZOV

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> FYI..the FT-857D comes with the TXCO filter installed...no longer an option.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----

> From: "Keith Carpenter" <afa7mu@...>
> Subject: Re: [FT897] Re: what is best
>
> I really feel the FT-897D is worth the extra money, as the TXCO is already
> installed.
>

30861. ft897 cat port

Yahoo group: FT897 (2010)
Date: 2010-08-12 18:11:31 UTC
From: carlos
Topic: 30861 Message: 30861

hello,
is there a way to check if the cat port is working or defective
carlos

30862. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 18:41:00 UTC
From: Danny Loyd
Topic: 30819 Message: 30862

Thanks for all the responses. I will take the tuner off this weekend and check the serial number to see if it is a D or not. Then I will go from there with modification. Still have to get all the training out of the way once radio is expanded to get MARS certification.

Danny
KE5WDI

From: Joseph Richard <jrichard333@...>
To: FT897@yahoogroups.com
Sent: Thu, August 12, 2010 10:27:12 AM
Subject: RE: [FT897] 60 Meter question

It might be easier for you to send the radio to Yaesu or call them on the phone and send them all of your MARS/ CAPs information and let them send you the procedure or mail the radio off to them for them to do it. Who knows, if they do it you might be able to keep the 60m band.

JR

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Thanks,

Danny
KE5WDI

From: Joseph Richard <jrichard333@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 1:49:43 PM
Subject: RE: [FT897] 60 Meter question

You're welcome.

Have fun.

JR

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Danny Loyd
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30863. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 19:09:33 UTC
From: Alan E. Lutz
Topic: 30819 Message: 30863

At what serial number did Yaesu start making the D's? I have a new FT-897D (it was manufactured in December of '09) and there is no "D" in the serial number.

73 de Alan

AE1NH

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Thursday, August 12, 2010 2:41:00 PM
Subject: Re: [FT897] 60 Meter question

73 de Alan

AE1NH

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>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _____
> From: Dean Gibson AE7Q < yahoo@... <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question

>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the
> "Mem/VFO CH" knob to the left). If you can, the unit has the channels,
> and that's what you must use, not manually tuning the radio. If you
> have the USA FT-897D manual (if not, you can download it from the
> Yaesu web site), that's documented on page 23.
>
> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the
> designated tuning
>
> > frequency according to the ARRL Band plan chart I have and I get a
> TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for
> the 60 meter
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>
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Yahoo! Groups Links

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30864. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 19:13:16 UTC
From: PY5VB-Villas Boas
Topic: 30819 Message: 30864

My FT-897 have serial number 7Lxxxxxx and not any reference "D" leter in white label.
Made 2007, I think.

FT-897 in 2007 is not model D ?

I think "D" model is:
- DSP is not option, is factory default.
- TCXO-9 is not option, is factory default
- 60m channels in memories M601 to M605 (lost this memories and lost 144/430 ARS feature (menu 001 and menu 002) if MARS mod is made in your unit, is a colateral efect of MARS mod)

That is all or any other difference ?

Villas - PY5VB

Em 12/08/2010 15:41, Danny Loyd escreveu:
>
> Thanks for all the responses. I will take the tuner off this weekend
> and check
> the serial number to see if it is a D or not. Then I will go from
> there with
> modification. Still have to get all the training out of the way once
> radio is
> expanded to get MARS certification.
>
> Danny
> KE5WDI
>
> _____
> From: Joseph Richard <jrichard333@...
> <mailto:jrichard333%40hotmail.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Thu, August 12, 2010 10:27:12 AM
> Subject: RE: [FT897] 60 Meter question
>
>
> It might be easier for you to send the radio to Yaesu or call them on the
> phone and send them all of your MARS/ CAPs information and let them
> send you
> the procedure or mail the radio off to them for them to do it. Who knows,
> if they do it you might be able to keep the 60m band.
>
> JR
>

> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> Danny Loyd
> Sent: Thursday, August 12, 2010 9:01 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] 60 Meter question
>
> Tried to use my radio out of the Ham bands and got TX ERROR. So I believe
> that I have a non-D. Works great, but seller shouldn't have advertised
> as a
> D if it wasn't. I have no complaints at all about the radio. Next question
> is how do I expand it for MARS. Is a software expansion or a jumper
> change?
> I know this has probably been discussed before, but I am finding out that
> finding past threads on this group isn't very user friendly especially for
> me.
>
> Thanks,
>
> Danny
> KE5WDI
>
> _____
> From: Joseph Richard <jrichard333@hotmail.com
> <mailto:jrichard333%40hotmail.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wed, August 11, 2010 1:49:43 PM
> Subject: RE: [FT897] 60 Meter question
>
>
> You're welcome.
>
> Have fun.
>
> JR
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> Danny Loyd
> Sent: Wednesday, August 11, 2010 1:28 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] 60 Meter question
>
> Thanks, JR I will give this a try.
>
> Danny

> KE5WDI
>
> _____
> From: Joseph Richard <jrichard333@...
> <mailto:jrichard333%40hotmail.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wed, August 11, 2010 11:37:04 AM
> Subject: RE: [FT897] 60 Meter question
>
>
> MARS mod
> Tune it to any non ham frequency- i.e. 11m. Key the mic if you do not
> see TX
> error, then it has the MARS modification
>
> AT897
> Remove the four screws on the case and then the four screws on the
> inside of
> the unit. These screws go through the circuit board and attaches to the
> case.
>
> JR
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> Danny Loyd
> Sent: Wednesday, August 11, 2010 11:17 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] 60 Meter question
>
> Not sure if it is Mod to MARS or not. I bought it second hand on eBay
> where
> it was advertised as a D model. Not sure what changes the previous owner
> made. If it is mod for MARS, this is a good thing as I want to get
> into Navy
> MARS and would have to do the modification anyway. How do I tell if it has
> been modified for MARS?
>
> I know these may sound like dumb questions, but I am just now getting into
> the technical and electronic part of radio again after along time away
> from
> doing any electronic work.
>
> Danny
> KE5WDI
>
> P.S. Just want to make sure I am right before I blow up anything.
>

> _____
> From: PY5VB-Villas Boas <py5vb@....br <mailto:py5vb%40yahoo.com.br>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wed, August 11, 2010 8:55:36 AM
> Subject: Re: [FT897] 60 Meter question
>
>
> Danny:
>
> Your FT897D is mod to MARS ? If you do this mod, you lost M601 through
> M605 memories.
>
> 73, Villas - PY5VB
>
> Em 10/08/2010 21:50, Danny Loyd escreveu:
> >
> > Dean,
> >
> > I don't have memories 601 through 605. What now?
> >
> > Danny
> > KE5WDI
> >
> > _____
> > From: Dean Gibson AE7Q <yahoo@ae7q.net <mailto:yahoo%40ae7q.net>
> <mailto:yahoo%40ae7q.net>>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > Sent: Tue, August 10, 2010 3:21:12 PM
> > Subject: Re: [FT897] 60 Meter question
> >
> >
> > You need to go to the radio's memory section (press "V/M") and try to
> > select memories 601 through 605 (go to memory 001 and turn the
> > "Mem/VFO CH" knob to the left). If you can, the unit has the channels,
> > and that's what you must use, not manually tuning the radio. If you
> > have the USA FT-897D manual (if not, you can download it from the
> > Yaesu web site), that's documented on page 23.
> >
> > On 2010-08-10 12:37, Danny Loyd wrote:
> > > Okay, I need to clarify my question. I put the FT-897 on the
> > designated tuning
> >
> > > frequency according to the ARRL Band plan chart I have and I get a
> > TX ERROR
> > > indicator on my radio. Does this mean that my radio is not set for
> > the 60 meter
> > >
> > > channels??
> > >

> > > Thank you, Danny / KE5WDI
> > >
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30865. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 21:17:25 UTC
From: Rob Stampfli
Topic: 30819 Message: 30865

On Thu, Aug 12, 2010 at 04:13:16PM -0300, PY5VB-Villas Boas wrote:
>
> My FT-897 have serial number 7Lxxxxxx and not any reference "D" leter in
> white label.
> Made 2007, I think.
>
> FT-897 in 2007 is not model D ?

Mine is a "7I" (built a few months before yours) and it is a D.

Rob

30866. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-13 03:36:50 UTC
From: RicardoH
Topic: 30842 Message: 30866

My .02 cents worth. I'm a relatively new ham. When I was deciding which radio to buy I narrowed it down to the 897 and 857. HRO was having a customer appreciation day and I talked to several people who own both. I ask them if they could keep only one the 857 or the 897 which would they choose. To a man they all chose the FT-897. So I went with it. I think it is a fine radio. It is my first.

Ric
KJ6DOY

--- In FT897@yahoogroups.com, "harry l" <harrylatterman@...> wrote:
>
> My .02 cents worth...
>
> I have owned the 817, 857D and now the 897D. In fact I have had (4) 817's starting right after the first came out and will probably pick up another used one someday in the near future. That being said let me give you my impressions and thoughts.
>
> The FT-817 is a great do most all portable QRP rig. The radio does need filters to make it better at least on CW, but even without it the radio is nothing sort of amazing. On the negative side the controls are small so if you have fat fingers and/or bad eyesight this could be a problem. The internal battery is nice for short QSO's. If you are doing a day thing you will need an external battery pack. Other then that I have found the radio to be a fun radio.
>
> The FT-857D has been a bad radio for me. Have had two. Both failed. Both went back to be repaired by Yeasu. Both are gone now. It was replace with a IC-706MKII and quite frankly the 706 was a hell of a lot easier to use, had a better receiver and you for mobile was better all around. What caused me grief was the finals blowing. A common problem I found out later. The radio is really the FT-897 crammed into a smaller package, thus harder to get rid of the heat. So I am not pleased with my 857D experience and can not and will not recommend it to anyone. Others will..but I can't.
>
> The FT-897D I got used with the LDG-987 ATU and both filters. It also had the internal battery pack. I got rid of that in trade for the fancy do all mic. I then got the FB-20 internal PS. Now I have a do all rig that can plug into any wall socket and run, or I can pull the connector loose and use the radio mobile or with battery pack. To me this configuration makes the radio ideal for most anything at anytime. The only negative I have is the CAT port is not a great design. No matter which control program I use the stupid thing drops out randomly. I did finally get the radio to work with FTBasicMM...a must software to get. So that is all I use the port for. Preloading the memories.
>
> So my first choice is the FT-897. The second is the FT-817 and probably get a used one anyway just to have it to play with. The 857 I would not get another for any reason.
>
> Hope that helps

>
> 73
> Harry K7ZOV
>
> --- In FT897@yahoogroups.com, Joe <WA6RKN@> wrote:
> >
> > FYI..the FT-857D comes with the TXCO filter installed...no longer an option.
> >
> > Joe Wolfe
> > WA6RKN
> > Reno, Nevada
> >
> > ----- Original Message -----
> > From: "Keith Carpenter" <afa7mu@>
> > Subject: Re: [FT897] Re: what is best
> >
> > I really feel the FT-897D is worth the extra money, as the TXCO is already
> > installed.
> >
>

30867. Re: [FT897] Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-13 04:29:25 UTC
From: KB1TCD
Topic: 30842 Message: 30867

I see that Tokyo Hy-Power is now offering an amp for the 817 that boosts the power from 25 to 45 watts.
Anybody out there have one of these amps?

73 de Jose Douglas - KB1TCD

From: harry l <harrylatterman@...>
To: FT897@yahoogroups.com
Sent: Thu, August 12, 2010 11:53:27 AM
Subject: [FT897] Re: what is best

My .02 cents worth...

I have owned the 817, 857D and now the 897D. In fact I have had (4) 817's starting right after the first came out and will probably pick up another used one someday in the near future. That being said let me give you my impressions and thoughts.

The FT-817 is a great do most all portable QRP rig. The radio does need filters to make it better at least on CW, but even without it the radio is nothing sort of amazing. On the negative side the controls are small so if you have fat fingers and/or bad eyesight this could be a problem. The internal battery is nice for short QSO's. If you are doing a day thing you will need an external battery pack. Other then that I have found the radio to be a fun radio.

The FT-857D has been a bad radio for me. Have had two. Both failed. Both went back to be repaired by Yeasu. Both are gone now. It was replace with a IC-706MKII and quite frankly the 706 was a hell of a lot easier to use, had a better receiver and you for mobile was better all around. What caused me grief was the finals blowing. A common problem I found out later. The radio is really the FT-897 crammed into a smaller package, thus harder to get rid of the heat. So I am not pleased with my 857D experience and can not and will not recommend it to anyone. Others will..but I can't.

The FT-897D I got used with the LDG-987 ATU and both filters. It also had the internal battery pack. I got rid of that in trade for the fancy do all mic. I then got the FB-20 internal PS. Now I have a do all rig that can plug into any wall socket and run, or I can pull the connector loose and use the radio mobile or with battery pack. To me this configuration makes the radio ideal for most anything at anytime. The only negative I have is the CAT port is not a great design. No matter which control program I use the stupid thing drops out randomly. I did finally get the radio to work with FTBasicMM...a must software to get. So that is all I use the port for. Preloading the memories.

So my first choice is the FT-897. The second is the FT-817 and probably get a used one anyway just to have it to play with. The 857 I would not get another

for any reason.

Hope that helps

73
Harry K7ZOV

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> FYI..the FT-857D comes with the TXCO filter installed...no longer an option.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Keith Carpenter" <afa7mu@...>
> Subject: Re: [FT897] Re: what is best
>
> I really feel the FT-897D is worth the extra money, as the TXCO is already
> installed.
>

[Non-text portions of this message have been removed]

30868. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-13 11:36:29 UTC
From: Hank
Topic: 30842 Message: 30868

I like what a lot of people are saying, it depends on what you want to do with it. Unless you have a big vehicle, the 897 is going to eat up a lot of space. For the shack, mine has been a dream.

I have the 897D in my shack. I bought the FP-30 internal power supply, and the LDG AT-897 tuner. A bunch of local hams talked me out of the FC-30 tuner, and I'm glad they did. The AT-897 will tune an SWR up to 10:1, whereas the FC-30 will only tune upwards of a 3:1. As I am running a compromised attic dipole, I needed all of the help I could get.

I also added the MD-100A8X desk mic, and I get excellent audio reports. One note of warning, if you get this mic, make sure you turn the built-in filter off. I had it on and was getting horrible reports. I almost sent it in to Yaesu, and then I read a small notice on the paper that came with it (maybe I should have read it first). It stated certain radios had to have the switch off, and the 897 is one of those. I flipped it off and now I get great reports.

As I mentioned earlier, I have a compromise antenna, a 19' dipole in the attic. With my setup, I make contacts all over the world when the bands treat me right. I have hit Aruba, Curacao, Italy, Germany, and many states, all with 50 watts. I keep the power down because I am in an adjoined townhouse.

I think the 897 is a great rig, just remember what it is. It is a rig with HF / WARC, VHF, UHF, DSP, built-in TXCO, and many other features for less than $800.00. Don't compare the audio with a TS-2000 or an Elecraft K3.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "graham" <m3oel@...> wrote:
>
> Hi All I am looking to get a new radio but which one?
> 857 or 897, are that the same apart from size please help me deside
>
> Thanks Graham M3OEL
>

30869. Re: what is best

Yahoo group: FT897 (2010)
Date: 2010-08-13 11:46:11 UTC
From: ke5dfr@sbcglobal.net
Topic: 30842 Message: 30869

I have had both an 857 and the 897D. I originally had the 897D in my truck with an ATAS120 antenna and it worked great. I moved it inside to work digital and bought an 857 for the truck. I have since sold the 897d and bought an FT950 for the shack.

For the money and ease of use, the 897D is the way to go. HRD makes using the 857 a bit easier though. Still I liked the 897D better and wish I had kept it and sold the 857.

Ken KE5DFR

30870. FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-13 13:22:30 UTC
From: Damien Gardner Jnr
Topic: 30870 Message: 30870

Hi Folks,

Apologies if this is slightly OT, but I'm not really sure where else to ask..

Ever since I moved my ham gear in from the shed (10'x30' aluminium shed) to the garage (brick, so no awesome shielding like the shed had..), I've basically not been able to key up my 897, if I wanted to keep using the USB devices on my desktop.. Or for that matter, if I didn't want the desktop to reboot!

I've spent today re-arranging everything - desktop is back in a solid steel 4RU rackmount case in my server rack, I have an 'earth bus' under the workbench, with basically everything in the shed tied to it. And while my rebooting problem is gone, my disappearing USB devices problem still remains..

Having just fired up the cro, and done some digging, I'm really quite confused! It was bad enough at first, when the USB cable coming across the room from the PC came up with no RF showing, then plugging in a USB hub (non-powered, no devices on it), and having 10Vp-p of a nice clean 7mhz sinewave appearing between the shield of the USB ports on the hub, and the earth rail under the workbench..

What makes me even more confused, is that if I shove the cro between the earth bus, and the earthing terminal on the back of the 897 (which has just under a metre of cable between it and the bus!), I see 26Vp-p sinewave at 7MHz!

Honestly, I'm completely stumped! I'm SURE that I simply shouldn't be seeing this - right?? Or should I?

For a little more background on the earthing in here.. - I have 2m long ground stakes hammered into the ground at the front and back of the garage.. - then 2 runs of 7x7 cable (the stuff I use for my rigging..) running between the two stakes, and tied to a 12" long length of steel, under the workbench.. I've drilled and tapped M4 threads every inch along the bar, and have run cable with crimp-on eye lugs (you know the ones you use for automotive-ey stuff? Basically the right size of things like the -ve output of my PSU's, computer case screws, and M4 bolts) on each end, between an M4 bolt into the steel bar, and each piece of equipment. And then also connected this bus to the mains earth in the garage for good measure. Although technically this was done as soon as I ran the 4 guage cable from the bar to the server rack, which houses the two 3KVA UPS's, as they run all earth pins in/out to the case, and hence the rack rails/frame..

Any thoughts? Am I just going mad, and this is all normal? Or am I seeing something seriously messed up??

Thanks for any ideas - I'm totally lost! (and my lifelong mentor is away on a couple of month's holiday through the deserts!

Cheers,

Damien

--

Damien Gardner Jnr

VK2TDG. Dip EE. GradIEAust

rendrag@... - http://www.rendrag.net/

--

We rode on the winds of the rising storm, We ran to the sounds of thunder.

We danced among the lightning bolts,

and tore the world asunder

[Non-text portions of this message have been removed]

30871. Re: No S-meter indication on display

Yahoo group: FT897 (2010)
Date: 2010-08-13 14:55:26 UTC
From: Armin Doneis Jr.
Topic: 30858 Message: 30871

Thanks, Jeff,
That was the problem. Somehow I had inadvertently turned off the AGC.
Thanks again.
Pancho

30872. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-13 15:03:15 UTC
From: Carl Wulfestieg
Topic: 30870 Message: 30872

Damien-
As I follow your explanation it is first from "2M long ground stakes" in the Earth.
at Garage front and back.
Then to "2 runs of 7X7 cable" between the stakes. Then to "12 inch length of steel bar".
Every piece of equipment is then connected to the steel bar (bus).
It sounds OK up to this point.
But then you "connected this bus to the mains Earth in the garage".
It sounds like you now have two separate paths to "Earth" from the bus?
Is it possible you now have a "loop"?
Could this be a factor in your problem?
Another point - how long are the "2 runs of 7X7 cable"? Front to back of garage might be 20 feet?
I know that ground runs are supposed to be as short as possible. Maybe you should just run the cable from the bus to the closest ground stake?
I am not sure that either "loop" or "long ground run" are causing your problem? Could RF be getting picked up by this loop? These are some ideas - I hope this helps eliminate your problem.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

30873. Re: 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-13 18:28:09 UTC
From: Craig
Topic: 30819 Message: 30873

There is yet another possibility. Soft Jump worked on early 857Ds and 897Ds. It would blow out the 600 series memories just like the hardware mod. Using Soft Jump to restore the radio to factory specs and doing a hardware reset would not restore 60M. But it would restore repeater offsets and band restrictions.
Look for Soft Jump if you want to try the software method. If it does the MARS mod, that does not rule out that it is 897D.
There were no major hardware changes between the D and non-D other than the TCXO was free.
73
Craig

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Tried to use my radio out of the Ham bands and got TX ERROR. So I believe that I
> have a non-D. Works great, but seller shouldn't have advertised as a D if it
> wasn't. I have no complaints at all about the radio. Next question is how do I
> expand it for MARS. Is a software expansion or a jumper change? I know this has
> probably been discussed before, but I am finding out that finding past threads
> on this group isn't very user friendly especially for me.
>
> Thanks,
>
> Danny
> KE5WDI
>
>

30874. FT-897 and SignaLink USB

Yahoo group: FT897 (2010)
Date: 2010-08-13 20:55:23 UTC
From: Rob Stampfli
Topic: 30874 Message: 30874

I recently acquired a SignaLink USB box to play with in conjunction with my FT-897D. It seems like the 897 is very well suited for operating the digital modes, and this seemed a good way to go. In general, the configuration works well, but I do have a few questions for SignaLink or other knowledgeable users:

For those unfamiliar with the SignaLink box, it connects between a USB port on the computer and the data port on the 897. The box contains a sound card that has been tuned for ham radio applications. It also provides electrical isolation. The box takes receive audio from the 897 and allows it to be imported into the computer. It also takes digitally generated audio signals from the computer, and injects them into the 897 for xmit. (And, finally, it has PTT control.)

The interface controlling the sound card on the xmit side is straightforward, with the normal Master and Wave volume controls for setting output levels into the 897. There is also a pot on the SignaLink box itself for fine tuning the level.

The receive side has fewer controls: There is apparently no way for the computer to control the gain on the SignaLink's sound card directly. There is only a pot on the unit itself which does this. Further, the data port on the 897 provides a fixed-level output, which the manual claims is 100 mV into a 600 ohm load.

My questions:

1. By default, the audio level from the SignaLink into the computer is fairly low. It seems to be adequate for decoding PSK signals, but it barely registers on the bar graph of the audio control on the computer, even with the pot on the SignaLink turned to full volume. However, I'd like to also use this box for recording sample SSB transmissions. This works -- dare I say even works well -- except for the fact that the resulting audio files have very low audio.

Has anyone else tried doing this? If so, is the low signal level into the computer typical of what you see, or is it peculiar to my setup?

2. Frankly, the 100 mV output from the 897 seems low. What *is* the appropriate audio level into a sound card? I see the SignaLink claims it provides 200-300 mV to the xcvr. I like the fact that the level of the 897 is independent of the setting of the volume control, but is there a way to tweak it into providing a higher fixed level output on its data port?

3. There is a saving grace: The SignaLink has an internal jumper which increases its RCV sensitivity. With this jumper in place, the signal levels are better, but still just barely adequate for the task of recording voice from the SignaLink, even with the RCV pot turned all the way up. I'm still investigating whether the higher signal levels help or hurt the PSK operations. Does anyone else run a SignaLink with the RCV sensitivity jumper in place? If so, what are your observations?

I suppose that's enough for now. What are your thoughts? Have I missed anything obvious here?

Thanks in advance,
Rob / KD8WK

30875. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-13 22:05:05 UTC
From: Charles Scott
Topic: 30870 Message: 30875

Damien:

You haven't told us anything about your antenna system. It would help to know what kind it is, how it's fed, how close it is to your equipment and ground conductors, and anything else relevant. This is more likely an antenna or antenna proximity problem and less likely it's going to be resolved by any kind of grounding.

Chuck - N8DNX

On 8/13/2010 9:22 AM, Damien Gardner Jnr wrote:
> Hi Folks,
>
>
>
> Apologies if this is slightly OT, but I'm not really sure where else to
> ask..
>
>
>
> Ever since I moved my ham gear in from the shed (10'x30' aluminium shed) to
> the garage (brick, so no awesome shielding like the shed had..), I've
> basically not been able to key up my 897, if I wanted to keep using the USB
> devices on my desktop.. Or for that matter, if I didn't want the desktop to
> reboot!
>
>
>
> I've spent today re-arranging everything - desktop is back in a solid steel
> 4RU rackmount case in my server rack, I have an 'earth bus' under the
> workbench, with basically everything in the shed tied to it. And while my
> rebooting problem is gone, my disappearing USB devices problem still
> remains..
>
>
>
> Having just fired up the cro, and done some digging, I'm really quite
> confused! It was bad enough at first, when the USB cable coming across the
> room from the PC came up with no RF showing, then plugging in a USB hub
> (non-powered, no devices on it), and having 10Vp-p of a nice clean 7mhz
> sinewave appearing between the shield of the USB ports on the hub, and the
> earth rail under the workbench..
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>

>
> What makes me even more confused, is that if I shove the cro between the
> earth bus, and the earthing terminal on the back of the 897 (which has just
> under a metre of cable between it and the bus!), I see 26Vp-p sinewave at
> 7MHz!
>
>
>
> Honestly, I'm completely stumped! I'm SURE that I simply shouldn't be
> seeing this - right?? Or should I?
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>
> For a little more background on the earthing in here.. - I have 2m long
> ground stakes hammered into the ground at the front and back of the garage..
> - then 2 runs of 7x7 cable (the stuff I use for my rigging..) running
> between the two stakes, and tied to a 12" long length of steel, under the
> workbench.. I've drilled and tapped M4 threads every inch along the bar, and
> have run cable with crimp-on eye lugs (you know the ones you use for
> automotive-ey stuff? Basically the right size of things like the -ve output
> of my PSU's, computer case screws, and M4 bolts) on each end, between an M4
> bolt into the steel bar, and each piece of equipment. And then also
> connected this bus to the mains earth in the garage for good measure.
> Although technically this was done as soon as I ran the 4 guage cable from
> the bar to the server rack, which houses the two 3KVA UPS's, as they run all
> earth pins in/out to the case, and hence the rack rails/frame..
>
>
>
> Any thoughts? Am I just going mad, and this is all normal? Or am I seeing
> something seriously messed up??
>
>
>
> Thanks for any ideas - I'm totally lost! (and my lifelong mentor is away on
> a couple of month's holiday through the deserts!
>
>
>
> Cheers,
>
>
> Damien
>
>
>

30876. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-13 22:11:55 UTC
From: Damien Gardner Jnr
Topic: 30870 Message: 30876

Thanks Carl,

Hrrm, I guess technically I have three paths to 'earth' from the bus? - The two ground stakes (I went two mainly because I had two on the shed - on diagonal corners, tied directly to the frame of the shed) at either end of the garage, and the mains ground stake - though that's some 70 feet away! Which was the main reason I shoved the ground stakes in.. - Not sure why, but whoever built our house decided to put the ground stake on the other side of the house to the meter box!

The cable from the bus to either ground stake would be about 10 feet - should I remove one stake (and its cable run)? I shoved it in to make sure I had a 'good ground', but maybe having two has complicated the issue? Or maybe having two runs of cable to each stake is causing issues?

I'm kinda curious to know how other folks earth their stations? - Do they bother with a ground stake, or just tie everything to the mains earth?

I guess what's really throwing me here, is seeing such a high p-p signal between the earth bolt on the back of the 897, and pretty much anything else tied to the same earth system, only 1m away!?

Regards,

Damien

On 14/08/2010, at 1:03 AM, Carl Wulfestieg wrote:

> Damien-
> As I follow your explanation it is first from "2M long ground stakes" in the Earth.
> at Garage front and back.
> Then to "2 runs of 7X7 cable" between the stakes. Then to "12 inch length of steel bar".
> Every piece of equipment is then connected to the steel bar (bus).
> It sounds OK up to this point.
> But then you "connected this bus to the mains Earth in the garage".
> It sounds like you now have two separate paths to "Earth" from the bus?
> Is it possible you now have a "loop"?
> Could this be a factor in your problem?
> Another point - how long are the "2 runs of 7X7 cable"? Front to back of garage might be 20 feet?
> I know that ground runs are supposed to be as short as possible. Maybe you should just run the cable from the bus to the closest ground stake?
> I am not sure that either "loop" or "long ground run" are causing your problem? Could RF be getting picked up by this loop? These are some ideas - I hope this helps eliminate your problem.
> 73 Carl WZ4CW

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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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30877. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-13 22:21:03 UTC
From: Damien Gardner Jnr
Topic: 30870 Message: 30877

Hi Chuck,

Antenna is a TET-Emtron TEV-1 (basically 8.5m vertical), sitting on top of a 1m mast in the top of a rotator, which sits atop a 6m mast. Antenna is fed by ~20m of RG58C/U, terminated to the antenna with the centre to the antenna, shield to the pole. Hrrm, actually this setup has changed somewhat recently - it was previously sitting atop a 5.5m mast, with the guy wires directly below it - now they're about 2 metres below it..? I hadn't considered this an issue, as the antenna was already fairly useless on pretty much every band (I tend to throw a squid pole with a suitable 1/4-wave length of wire up it if I want 'decent' reception!)

Would the change in distance between the guys (aka radials) and the bottom of the vertical have made *that* much difference, that it'd be causing so much RF weirdness in the shack?

Regards,

Damien
^-- HF newbie :-p

On 14/08/2010, at 8:05 AM, Charles Scott wrote:

> Damien:
>
> You haven't told us anything about your antenna system. It would help to
> know what kind it is, how it's fed, how close it is to your equipment
> and ground conductors, and anything else relevant. This is more likely
> an antenna or antenna proximity problem and less likely it's going to be
> resolved by any kind of grounding.
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> Chuck - N8DNX
>
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> On 8/13/2010 9:22 AM, Damien Gardner Jnr wrote:
>> Hi Folks,
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>> Apologies if this is slightly OT, but I'm not really sure where else to
>> ask..
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>> the garage (brick, so no awesome shielding like the shed had..), I've
>> basically not been able to key up my 897, if I wanted to keep using the USB

>> devices on my desktop.. Or for that matter, if I didn't want the desktop to
>> reboot!
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>> I've spent today re-arranging everything - desktop is back in a solid steel
>> 4RU rackmount case in my server rack, I have an 'earth bus' under the
>> workbench, with basically everything in the shed tied to it. And while my
>> rebooting problem is gone, my disappearing USB devices problem still
>> remains..
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>> confused! It was bad enough at first, when the USB cable coming across the
>> room from the PC came up with no RF showing, then plugging in a USB hub
>> (non-powered, no devices on it), and having 10Vp-p of a nice clean 7mhz
>> sinewave appearing between the shield of the USB ports on the hub, and the
>> earth rail under the workbench..
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>> earth bus, and the earthing terminal on the back of the 897 (which has just
>> under a metre of cable between it and the bus!), I see 26Vp-p sinewave at
>> 7MHz!
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>> Honestly, I'm completely stumped! I'm SURE that I simply shouldn't be
>> seeing this - right?? Or should I?
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>> ground stakes hammered into the ground at the front and back of the garage..
>> - then 2 runs of 7x7 cable (the stuff I use for my rigging..) running
>> between the two stakes, and tied to a 12" long length of steel, under the
>> workbench.. I've drilled and tapped M4 threads every inch along the bar, and
>> have run cable with crimp-on eye lugs (you know the ones you use for
>> automotive-ey stuff? Basically the right size of things like the -ve output
>> of my PSU's, computer case screws, and M4 bolts) on each end, between an M4
>> bolt into the steel bar, and each piece of equipment. And then also
>> connected this bus to the mains earth in the garage for good measure.
>> Although technically this was done as soon as I ran the 4 guage cable from
>> the bar to the server rack, which houses the two 3KVA UPS's, as they run all
>> earth pins in/out to the case, and hence the rack rails/frame..
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>> Any thoughts? Am I just going mad, and this is all normal? Or am I seeing
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>> Thanks for any ideas - I'm totally lost! (and my lifelong mentor is away on
>> a couple of month's holiday through the deserts!
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>> Cheers,
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>> Damien
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> Yahoo! Groups Links
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30878. LSB LF Shifted

Yahoo group: FT897 (2010)
Date: 2010-08-14 06:10:42 UTC
From: dniitani
Topic: 30878 Message: 30878

Aloha,

One night I noticed that I could not understand anyone on 20 meters LSB. I needed to turn the IF shift knob all the way clockwise to understand what everyone was saying. I decided to do the three resets (V/M + Power, F + Power, Home + Power) but still, I needed to turn the IF shift knob all the way clockwise. I played with option 15 but it made no difference. I'm only able to use 20 meters due to single band antenna and 2 meters seems to work well. Is it time to send it in for repair?

Mahalo in advance

Darrel / WH7UY

30879. Re: [FT897] LSB LF Shifted

Yahoo group: FT897 (2010)
Date: 2010-08-14 10:39:04 UTC
From: Jerry Lefever
Topic: 30878 Message: 30879

Surely the convention is USB on 20m.

On Sat, Aug 14, 2010 at 7:10 AM, dniitani <dniitani@...> wrote:

>
>
> Aloha,
>
> One night I noticed that I could not understand anyone on 20 meters LSB. I
> needed to turn the IF shift knob all the way clockwise to understand what
> everyone was saying. I decided to do the three resets (V/M + Power, F +
> Power, Home + Power) but still, I needed to turn the IF shift knob all the
> way clockwise. I played with option 15 but it made no difference. I'm only
> able to use 20 meters due to single band antenna and 2 meters seems to work
> well. Is it time to send it in for repair?
>
> Mahalo in advance
>
> Darrel / WH7UY
>
>
>

[Non-text portions of this message have been removed]

30880. Re: [FT897] LSB LF Shifted

Yahoo group: FT897 (2010)
Date: 2010-08-14 15:50:48 UTC
From: Chris Baker
Topic: 30878 Message: 30880

try 20m usb

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

--- On Sat, 14/8/10, dniitani <dniitani@...> wrote:

From: dniitani <dniitani@...>
Subject: [FT897] LSB LF Shifted
To: FT897@yahoogroups.com
Date: Saturday, 14 August, 2010, 7:10

Aloha,

One night I noticed that I could not understand anyone on 20 meters LSB. I needed to turn the IF shift knob all the way clockwise to understand what everyone was saying. I decided to do the three resets (V/M + Power, F + Power, Home + Power) but still, I needed to turn the IF shift knob all the way clockwise. I played with option 15 but it made no difference. I'm only able to use 20 meters due to single band antenna and 2 meters seems to work well. Is it time to send it in for repair?

Mahalo in advance

Darrel / WH7UY

[Non-text portions of this message have been removed]

30881. Re: LSB LF Shifted

Yahoo group: FT897 (2010)
Date: 2010-08-14 17:51:39 UTC
From: dniitani
Topic: 30878 Message: 30881

Thanks all,how embarrassing. I knew it was something simple.

Darrel / WH7UY

--- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:
>
> try 20m usb
>
> Thanks
>
> Chris Baker B.A.Â Â Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
> G4LDS@...
>
> --- On Sat, 14/8/10, dniitani <dniitani@...> wrote:
>
> From: dniitani <dniitani@...>
> Subject: [FT897] LSB LF Shifted
> To: FT897@yahoogroups.com
> Date: Saturday, 14 August, 2010, 7:10
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I'm only able to use 20 meters due to single band antenna and 2 meters seems to work well. Is it time to send it in for repair?
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> Mahalo in advance
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> Darrel / WH7UY
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> [Non-text portions of this message have been removed]
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30882. Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-14 21:38:45 UTC
From: Barry Young
Topic: 30882 Message: 30882

Some radios have the capability of recording a message such as CQ Call sign for contesting, and playing it back over the air by hitting a key on the radio.

Does the FT-897D have this feature? From what I have read in the FT-897D manual, you can play a CW message via multi function row "o". If not, is there any way to play messages for contesting?

Thanks!

Barry K9BAY

[Non-text portions of this message have been removed]

30883. noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-14 22:27:46 UTC
From: Chuck Stroud
Topic: 30883 Message: 30883

Hello everyone-
I'm hoping someone can help me with this question. Like others, I have a noisy radio, but I think this is different. Forty meters normally has a S6-8 noise level for me recently. In the past it has been as low as S4. I know there have been discussions about static crashes at the S7+ level on certain bands, but mine are not present with the antenna disconnected, and the noise is just constant - no crashes. My real problem starts whenever I either tune up the radio (via cw either sending or using a LDG Z-11ProII) or even just by talking on SSB when it is already tuned. Immediately my noise level goes up to an S5 to an S9, depending on the band. It usually lasts at least an hour to return, and turning off the radio doesn't help. I have turned on and adjusted all of the filters, and although some help alleviate the noise, it stays at the same S-level. Any thoughts would be appreciated.
Thanks,
73
Chuck Stroud
Andover, MN
ka8hde

[Non-text portions of this message have been removed]

30884. Re: [FT897] Re: LSB LF Shifted

Yahoo group: FT897 (2010)
Date: 2010-08-14 22:42:12 UTC
From: Chris Baker
Topic: 30878 Message: 30884

No Problem Its easy to do and we have all done it.

Once, after a thunderstorm, my 897 on all bands would recieve on one sideband and Tx on the other ie Rx USB Tx LSB, a full re-set cleared this.

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@....uk

--- On Sat, 14/8/10, dniitani <dniitani@...> wrote:

From: dniitani <dniitani@...>
Subject: [FT897] Re: LSB LF Shifted
To: FT897@yahoogroups.com
Date: Saturday, 14 August, 2010, 18:51

Thanks all,how embarrassing. I knew it was something simple.

Darrel / WH7UY

--- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:

>

> try 20m usb

>

> Thanks

>

> Chris Baker B.A.Â Â Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T

> G4LDS@...

>

> --- On Sat, 14/8/10, dniitani <dniitani@...> wrote:

>

> From: dniitani <dniitani@...>

> Subject: [FT897] LSB LF Shifted

> To: FT897@yahoogroups.com

> Date: Saturday, 14 August, 2010, 7:10

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> Aloha,

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> Mahalo in advance

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> Darrel / WH7UY

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

30885. yf-122s yf-122c yf-122cn pinout HELP!

Yahoo group: FT897 (2010)
Date: 2010-08-12 08:30:22 UTC
From: sp2swr
Topic: 30885 Message: 30885

Hello!
I am desperatelly looking for yf-122s yf-122c yf-122cn pinout diagram!

If we install optional filters like yf-122s yf-122c yf-122cn there is no problem to see by the radio wich one is actually installed. Thanks to pinouts wich are different for every single model of filter.
The problem is if we use other filter without a board. I used old XF-110C taken from my trusty FT-900. OK1FIG did this mode with inrad board and had no problems!
http://ok1fig.nagano.cz/FT897D/FT-897D_XtalFilters.htm
I saw needed documantation somewhere in the web but I can not find it again!

30886. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-15 15:48:53 UTC
From: Charles Scott
Topic: 30870 Message: 30886

Damien:

The quick answer to whether the change in distance between the guys, or any other change, could make that difference is YES. The problem is that it doesn't sound like you have anything preventing RF from following the outside shield of your coax back to your equipment. Because of this, any changes you make to lengths, distances, etc will only cause problems to appear on different frequencies. There's also nothing magical about a "ground" system that it sucks up RF, and even if it did a ground conductor of any length when carrying RF current will create voltage and current nodes that are different for different frequencies regardless of how large that ground conductor is. This is why you can never rely on "ground" cables or straps to correct a stray RF problem.

You didn't describe what you intended to be the "counterpoise" for the vertical antenna--whether that's the mast, the guy wires, or some kind of connection to a ground system. In any case, I doubt what counterpoise you have is resonant at all of your operating frequencies. Since you have nothing to block RF from coming back down the outside shield of your coax, your coax and everything connected to it is part of your antenna system, which includes your equipment, your ground cables, your power connection, your computer, and even your microphone and you. I'm therefore not surprised that you would measure some significant RF around your equipment.

The net result of all of this is that if you simply focus on moving things around or trying to fix your ground connections, all you're going to do is shift around the frequencies that will cause problems. The solution is to define what is your antenna and keep RF off of everything else. Since it sounds like your equipment is also in close proximity to your antenna, you may have to do things to prevent the near field of the antenna from coupling into conductors in and around your equipment and other things it may affect.

There's a number of ways to fix this, but I think it all starts with your antenna. I'm also curious as to how you're tuning this antenna. The antenna you're using requires an antenna tuner, which if you don't have one would explain your poor results with it. The antenna also requires a counterpoise. This is usually either a set of radials or a connection to a ground field of some sort. My personal suggestion is that if you have some space for it, install the antenna away from your house at ground level and bury a number of wires connected to the base for a counterpoise. You can then run the coax along or under the ground, which will help reduce RF coming back to your shack on it. It may also perform better at ground level with a good ground field than it will elevated on

the mast with a smaller set of radials.

Good luck and let us know how it goes.

Chuck - N8DNX

On 8/13/2010 6:21 PM, Damien Gardner Jnr wrote:
> Hi Chuck,
>
> Antenna is a TET-Emtron TEV-1 (basically 8.5m vertical), sitting on top of a 1m mast in the top of a rotator, which sits atop a 6m mast. Antenna is fed by ~20m of RG58C/U, terminated to the antenna with the centre to the antenna, shield to the pole. Hrrm, actually this setup has changed somewhat recently - it was previously sitting atop a 5.5m mast, with the guy wires directly below it - now they're about 2 metres below it..? I hadn't considered this an issue, as the antenna was already fairly useless on pretty much every band (I tend to throw a squid pole with a suitable 1/4-wave length of wire up it if I want 'decent' reception!)
>
> Would the change in distance between the guys (aka radials) and the bottom of the vertical have made *that* much difference, that it'd be causing so much RF weirdness in the shack?
>
> Regards,
>
> Damien
> ^-- HF newbie :-p

30887. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-15 16:40:57 UTC
From: Charles Mintoff
Topic: 30882 Message: 30887

Download the program called Voice Keyer Excellent program
Charles 9H4CM

On Sat, Aug 14, 2010 at 11:38 PM, Barry Young <youngbar0978@...>wrote:

>
>
> Some radios have the capability of recording a message such as CQ Call sign
> for contesting, and playing it back over the air by hitting a key on the
> radio.
>
> Does the FT-897D have this feature? From what I have read in the FT-897D
> manual, you can play a CW message via multi function row "o". If not, is
> there any way to play messages for contesting?
>
> Thanks!
>
> Barry K9BAY
>
> [Non-text portions of this message have been removed]
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--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

30888. RF Grounding and counterpoise grounding

Yahoo group: FT897 (2010)
Date: 2010-08-15 17:17:09 UTC
From: Leon Singh
Topic: 30888 Message: 30888

Hi all ....Take a look at this info on Grounding and counterpoise grouding
http://kc.flex-radio.com/KnowledgebaseArticle50426.aspx

--

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

30889. Re: [FT897] RF Grounding and counterpoise grounding

Yahoo group: FT897 (2010)
Date: 2010-08-15 17:31:12 UTC
From: Charles Scott
Topic: 30888 Message: 30889

Leon:

While I completely disagree with any thought that "grounding" solves any stray RF problem, and have as yet to have anyone show me why the mythical "RF Ground Loop" has any relevance, this article does in fact show in real terms why any conductor of any real length can't be considered an "RF Ground". In short, it's the answer to this question that's relevant... "When is a ground not a ground?" Of course the answer is... "When there's current!". If you ignore the rest of the conclusions of this article that you can solve stray RF problems with some kind of "ground", it's of some value.

Chuck

On 8/15/2010 1:17 PM, Leon Singh wrote:
> Hi all ....Take a look at this info on Grounding and counterpoise grouding
> http://kc.flex-radio.com/KnowledgebaseArticle50426.aspx
>

30890. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-15 23:33:00 UTC
From: Barry Young
Topic: 30882 Message: 30890

Thanks Charles,

I looked on eham.net and there are several. Anyone in particular you recommend? How do these applications interface to the FT-897? To enable PTT and play the message via the transmitter? I am looking at VoiceKeyer Express. There are several others. http://www.eham.net/reviews/products/39

73, Barry K9BAY

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Charles Mintoff
Sent: Sunday, August 15, 2010 12:41 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Recorded Message

Download the program called Voice Keyer Excellent program
Charles 9H4CM

On Sat, Aug 14, 2010 at 11:38 PM, Barry Young <youngbar0978@...>wrote:

>
>
> Some radios have the capability of recording a message such as CQ Call sign
> for contesting, and playing it back over the air by hitting a key on the
> radio.
>
> Does the FT-897D have this feature? From what I have read in the FT-897D
> manual, you can play a CW message via multi function row "o". If not, is
> there any way to play messages for contesting?
>
> Thanks!
>
> Barry K9BAY
>
> [Non-text portions of this message have been removed]
>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30891. Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-16 00:48:38 UTC
From: Steve Yates
Topic: 30883 Message: 30891

Hi Chuck,

The noise levels that you have noticed is probably normal for the band. It will change a lot on 40 m in the summer time depending on where the thunderstorm activity is and where the ionosphere is propagating the lightning crashes at any given time. Without more data I would guess that it is just a coincidence that it decreases an hour after you transmit. But maybe I've misunderstood the problem.

Try using IPO (preamp off) and adjust your RF Gain back so that the S-meter sits at about the peak level of your noise. Then compensate by turning the volume up. This will make the noise much more tolerable. The AGC tends to make the noise just as loud as the signals you are trying to hear but in nature that is usually not the case. Cranking back the RF Gain will restore the natural dynamic range of the signals.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Chuck Stroud <ka8hde79@...> wrote:
>
> Hello everyone-
> I'm hoping someone can help me with this question. Like others, I have a noisy
> radio, but I think this is different. Forty meters normally has a S6-8 noise
> level for me recently. In the past it has been as low as S4. I know there have
> been discussions about static crashes at the S7+ level on certain bands, but
> mine are not present with the antenna disconnected, and the noise is just
> constant - no crashes. My real problem starts whenever I either tune up the
> radio (via cw either sending or using a LDG Z-11ProII) or even just by talking
> on SSB when it is already tuned. Immediately my noise level goes up to an S5 to
> an S9, depending on the band. It usually lasts at least an hour to return, and
> turning off the radio doesn't help. I have turned on and adjusted all of the
> filters, and although some help alleviate the noise, it stays at the same
> S-level. Any thoughts would be appreciated.
> Thanks,
> 73
> Chuck Stroud
> Andover, MN
> ka8hde
>
>
>
>
> [Non-text portions of this message have been removed]
>

30892. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-16 01:27:54 UTC
From: Chuck Stroud
Topic: 30883 Message: 30892

Thanks for your insight Steve. I've learned a lot from this group.

It makes sense about the noise coming from thunderstorm activity, and I hope it gets better in the fall and winter. However regardless of the noise level, as soon as I transmit, the background noise jumps another 3-5 S-units. I've done all of the filtering you've mentioned which has helped with the original noise, but this one is strange to me since it only happens immediately after transmitting (on all bands). Any further insight from you or others would be very much appreciated. This is my first radio and because of my limited space I've loved everything about it since I bought it earlier this year.

73
Chuck - KA8HDE

_____
From: Steve Yates <aa5tb@...>
To: FT897@yahoogroups.com
Sent: Sun, August 15, 2010 7:48:38 PM
Subject: [FT897] Re: noise level increases after transmitting

Hi Chuck,

The noise levels that you have noticed is probably normal for the band. It will change a lot on 40 m in the summer time depending on where the thunderstorm activity is and where the ionosphere is propagating the lightning crashes at any given time. Without more data I would guess that it is just a coincidence that it decreases an hour after you transmit. But maybe I've misunderstood the problem.

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--- In FT897@yahoogroups.com, Chuck Stroud <ka8hde79@...> wrote:
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> Hello everyone-
> I'm hoping someone can help me with this question. Like others, I have a noisy
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> radio, but I think this is different. Forty meters normally has a S6-8 noise
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> been discussions about static crashes at the S7+ level on certain bands, but
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> radio (via cw either sending or using a LDG Z-11ProII) or even just by talking

> on SSB when it is already tuned. Immediately my noise level goes up to an S5
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>
> an S9, depending on the band. It usually lasts at least an hour to return, and
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> turning off the radio doesn't help. I have turned on and adjusted all of the
> filters, and although some help alleviate the noise, it stays at the same
> S-level. Any thoughts would be appreciated.
> Thanks,
> 73
> Chuck Stroud
> Andover, MN
> ka8hde
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30893. Re: [FT897] FW: Probably slightly OT - earthing, and lots of RF in the earth system??

Yahoo group: FT897 (2010)
Date: 2010-08-16 02:13:11 UTC
From: Damien Gardner Jnr
Topic: 30870 Message: 30893

Thanks Charles,

I think you hit the nail on the head.. - managed to get onto my 'ham mentor' yesterday, and talked him through my current setup, and he pointed out that the 7.5m of mast below my 8.5m vertical is effectively giving me a slightly off-centre dipole, with one end firmly planted in the earth!.. (which with the braid of the coax attached to the mast at the base of the antenna effectively puts my coax sheild *not* at ground potential, yes?)

So I lowered the mast down yet again (god am I glad I bought a 12v winch to do that job!), and wound 10 turns of coax around a 10cm dia pipe (well, actually a CD Spindle case!), and things seem a WHOLE lot better! - interestingly, the noise level is a LOT lower, but I can actually set DM780 off sending a CQ with PSK31, without having all my USB devices disconnect mid-transmit! I still have 2Vp-p of 7mhz sinewave between the ground on the back of the radio, and the earth bus a meter away (and for that matter, from the shield on the USB CAT adapter to the earth bus), but things seem to be working properly now.. :) - looks a little weird with the coil sitting below the antenna (http://echelon.pinegap.net/~damien/stuff/P8163889.jpg), but I don't see it, so I don't care too much ;)

I *had* originally intended for the guy wires to operate as radials, but once I put my brain into gear and think about it, the bloke at the ham store (no naming names, but .au only has one *licensed* ham supplier.. ;)) gave me a pretty bum steer in a few ways. first was telling me the AT897 was the best option for auto-tuner with the TEV-1 vertical.. I've wished a few times now that I'd got something like the AH-4 which sits up the mast at the base of the antenna... Don't suppose anyone's used the AH-4 with the FT897? Or can suggest a similar tuner that works with the 897? Secondly was telling me to make sure that my guy wires were earthed at the bottom ends, and *weren't* resonant on any band I wanted to work.. After actually thinking about it, a) I would have been MUCH better with a mast-mounted auto-tuner, and b) I ideally want radials which are resonant on every band I want to work, right?

Unfortunately, we don't have much spare room in the backyard - about 2/3 of the backyard is under cover (basically the width of the house, to the back fence, is one big patio..), and that remaining 1/3rd fits a rather large shed.. - I get about a 3m x 3m area that's open to the sky, hence the mast :) If we weren't renting, I'd build a little frame to sit on the patio roof to sit the vertical right on top of that - a 20mx20m aluminium roof has to be a fairly good ground plane ;) Thankfully I can throw up basically any size/amount of masts I want, as behind us is parkland, and the neighbour adjoining our 'open' area of backyard is a looong time friend, and has been trying to find time to get his ham license for quite a while now, so doesn't really care what I run.. He's already offered to let me throw a mast up in his yard if I want to run a long wire or dipole, etc.. :)

Cheers,

Damien

On 16/08/2010, at 1:48 AM, Charles Scott wrote:

> Damien:
>
> The quick answer to whether the change in distance between the guys, or
> any other change, could make that difference is YES. The problem is that
> it doesn't sound like you have anything preventing RF from following the
> outside shield of your coax back to your equipment. Because of this, any
> changes you make to lengths, distances, etc will only cause problems to
> appear on different frequencies. There's also nothing magical about a
> "ground" system that it sucks up RF, and even if it did a ground
> conductor of any length when carrying RF current will create voltage and
> current nodes that are different for different frequencies regardless of
> how large that ground conductor is. This is why you can never rely on
> "ground" cables or straps to correct a stray RF problem.
>
> You didn't describe what you intended to be the "counterpoise" for the
> vertical antenna--whether that's the mast, the guy wires, or some kind
> of connection to a ground system. In any case, I doubt what counterpoise
> you have is resonant at all of your operating frequencies. Since you
> have nothing to block RF from coming back down the outside shield of
> your coax, your coax and everything connected to it is part of your
> antenna system, which includes your equipment, your ground cables, your
> power connection, your computer, and even your microphone and you. I'm
> therefore not surprised that you would measure some significant RF
> around your equipment.
>
> The net result of all of this is that if you simply focus on moving
> things around or trying to fix your ground connections, all you're going
> to do is shift around the frequencies that will cause problems. The
> solution is to define what is your antenna and keep RF off of everything
> else. Since it sounds like your equipment is also in close proximity to
> your antenna, you may have to do things to prevent the near field of the
> antenna from coupling into conductors in and around your equipment and
> other things it may affect.
>
> There's a number of ways to fix this, but I think it all starts with
> your antenna. I'm also curious as to how you're tuning this antenna. The
> antenna you're using requires an antenna tuner, which if you don't have
> one would explain your poor results with it. The antenna also requires a
> counterpoise. This is usually either a set of radials or a connection to
> a ground field of some sort. My personal suggestion is that if you have
> some space for it, install the antenna away from your house at ground
> level and bury a number of wires connected to the base for a
> counterpoise. You can then run the coax along or under the ground, which
> will help reduce RF coming back to your shack on it. It may also perform
> better at ground level with a good ground field than it will elevated on
> the mast with a smaller set of radials.
>
> Good luck and let us know how it goes.
>

> Chuck - N8DNX
>
>
>
> On 8/13/2010 6:21 PM, Damien Gardner Jnr wrote:
>> Hi Chuck,
>>
>> Antenna is a TET-Emtron TEV-1 (basically 8.5m vertical), sitting on top of a 1m mast in the top of a rotator, which sits atop a 6m mast. Antenna is fed by ~20m of RG58C/U, terminated to the antenna with the centre to the antenna, shield to the pole. Hrrm, actually this setup has changed somewhat recently - it was previously sitting atop a 5.5m mast, with the guy wires directly below it - now they're about 2 metres below it..? I hadn't considered this an issue, as the antenna was already fairly useless on pretty much every band (I tend to throw a squid pole with a suitable 1/4-wave length of wire up it if I want 'decent' reception!)
>>
>> Would the change in distance between the guys (aka radials) and the bottom of the vertical have made *that* much difference, that it'd be causing so much RF weirdness in the shack?
>>
>> Regards,
>>
>> Damien
>> ^-- HF newbie :-p
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

30894. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-16 05:55:30 UTC
From: Charles Mintoff
Topic: 30882 Message: 30894

Use The one by the young Swedish radio ham very simple to use.
Charles 9H4CM

On Mon, Aug 16, 2010 at 1:33 AM, Barry Young <youngbar0978@...> wrote:

>
>
> Thanks Charles,
>
> I looked on eham.net and there are several. Anyone in particular you
> recommend? How do these applications interface to the FT-897? To enable
> PTT and play the message via the transmitter? I am looking at VoiceKeyer
> Express. There are several others. http://www.eham.net/reviews/products/39
>
> 73, Barry K9BAY
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> Charles Mintoff
> Sent: Sunday, August 15, 2010 12:41 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Recorded Message
>
> Download the program called Voice Keyer Excellent program
> Charles 9H4CM
>
> On Sat, Aug 14, 2010 at 11:38 PM, Barry Young
<youngbar0978@gmail.com<youngbar0978%40gmail.com>
> >wrote:
>
> >
> >
> > Some radios have the capability of recording a message such as CQ Call
> sign
> > for contesting, and playing it back over the air by hitting a key on the
> > radio.
> >
> > Does the FT-897D have this feature? From what I have read in the FT-897D
> > manual, you can play a CW message via multi function row "o". If not, is
> > there any way to play messages for contesting?
> >
> > Thanks!
> >
> > Barry K9BAY

> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Regards
> Charlie 9H4CM
> -----
> Fight back spam! Download the Blue Frog.
> http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

30895. (no subject)

Yahoo group: FT897 (2010)
Date: 2010-08-16 13:31:27 UTC
From: Lup S. DJ7SW
Topic: 30895 Message: 30895

see http://www.k6xx.com/

FT857 Quirks.PDF

55

Lup, DJ7SW
mailto:dj7sw@...

30896. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-17 10:58:20 UTC
From: Barry Young
Topic: 30882 Message: 30896

Hi Charles,

Do you have a link to the program download? I looked on eham.net. There are a couple of Voice Key apps that are reasonable. But I think they all require additional hardware.

Thanks!

73, Barry K9BAY

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Charles Mintoff
Sent: Monday, August 16, 2010 1:56 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Recorded Message

Use The one by the young Swedish radio ham very simple to use.
Charles 9H4CM

On Mon, Aug 16, 2010 at 1:33 AM, Barry Young <youngbar0978@...> wrote:

>
>
> Thanks Charles,
>
> I looked on eham.net and there are several. Anyone in particular you
> recommend? How do these applications interface to the FT-897? To enable
> PTT and play the message via the transmitter? I am looking at VoiceKeyer
> Express. There are several others. http://www.eham.net/reviews/products/39
>
> 73, Barry K9BAY
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
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> Charles Mintoff
> Sent: Sunday, August 15, 2010 12:41 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Recorded Message
>
> Download the program called Voice Keyer Excellent program
> Charles 9H4CM
>
> On Sat, Aug 14, 2010 at 11:38 PM, Barry Young
<youngbar0978@...<youngbar0978%40gmail.com>
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> >
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> > manual, you can play a CW message via multi function row "o". If not, is
> > there any way to play messages for contesting?
> >
> > Thanks!
> >
> > Barry K9BAY
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Regards
> Charlie 9H4CM
> -----
> Fight back spam! Download the Blue Frog.
> http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Regards
Charlie 9H4CM

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http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

Yahoo! Groups Links

30897. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-17 11:25:07 UTC
From: Bret McDanel
Topic: 30882 Message: 30897

On Tue, 2010-08-17 at 06:58 -0400, Barry Young wrote:
>
> Hi Charles,
>
> Do you have a link to the program download? I looked on eham.net.
> There
> are a couple of Voice Key apps that are reasonable. But I think they
> all
> require additional hardware.

You will need something that can trigger the PTT and interface to the sound card at a minimum. I personally use a USB sound card so that if anything goes wrong (lightning for example) I have at least some protection on my sound interface, granted its not bullet proof, but its more than nothing. You can usually find these for $2-5 at various places. I got mine for $2 at dealextreme.com.

For the PTT part I use a simple cable that I made for under $10 that uses a serial port. Since my laptop does not have a serial port I use a usb serial adapter. Schematics are on my blog, and are a (very) slightly modified version of what is included in the 'soundmodem' package but has the correct pin numbers for a 897.
http://www.0xdecafbad.com/2009/08/ft-897-tnc-interface/

You are not required to use the mic interface for just playback, but it costs almost nothing extra to make it into the cable and then you have it if you want to do other things.

The software of course has to know that its a serial PTT device and which pin its using to trigger the PTT. There are 2 variants that I have seen for serial, the schematics that I have appear to be the more popular variant, and that works with a variety of packet software as a bonus.

kc2dwq

30898. Re: New Ham, New FT-897, New G5RV Antenna, A Few Questions!

Yahoo group: FT897 (2010)
Date: 2010-08-17 17:15:51 UTC
From: MitchM
Topic: 30465 Message: 30898

Thanks to all who replied and the warm welcome to the group.

Most of the time my 897 is my base and I am using the FP-30 power supply. I came across a good deal on an MFJ-969 manual antenna tuner that I use with the G5RV and that seems to work from 80m to 6m when I am at my home. I did get the internal batteries and then I use the FC-30 auto-tuner when I am working as a remote or mobile with a SuperTenna. Things are working very well. I have been experimenting with the HRD software program as well as trying out some others.

I have been looking (so far to no avail) for size M3 thumbscrews to make switching the FP-30 bottom with the standard bottom easier. I was even wondering about modifying the bottom plate to enable both the power supply with the batteries on top of it.

Cheers,

Mitch - KJ4UBX

30899. Fw : You could download all your favorite music , videos , wallpapers for FREE!

Yahoo group: FT897 (2010)
Date: 2010-08-18 01:06:54 UTC
From: Sali Rostami
Topic: 30899 Message: 30899

5:06:54 AM

My friend sent this email to me , and as I found it so interesting , I forwarded it to you . Hope you enjoy it too. (No Spam)

Dear Friend!
Congratulations! You could download all your favorite music , videos , wallpapers for FREE!

Best 2010 video Clips : http://bestclip.utc.ir

Famous Hot Artists & Singers pic : http://singer-artists.utc.ir
Hot Model Wallpaper : http://modelwallpaper.fay.ir

Best Desktop Wallpaper Pack 1 : http://desktopwallpaper.co1.ir
Best Desktop Wallpaper Pack 2 : http://desktopwallpaper.rdn.ir
Love Wallpaper : http://lovewallpaper.co1.ir
Best Cars 2011 : http://bestcar.fay.ir

Best Mobile Ringtone Pack 1 : http://ringtone.4-u.ir
Best Mobile Ringtone Pack 2 : http://ringtone.kis.ir
Best Magazine : http://magazine.2fa.ir

Very Hot ==> Download Unlimited Free : http://group.3de.ir

Its so easy:
1-click on your favorite links.
2-click on "free download" button.
3-Then fill the letters & then click "download".
4-Wait about 60s & then right click on “ Download it” button and then save target as .
Now You get it!
Try it right now and enjoy it!
(Please note that because of so many downloads , all files are uploaded in file sharings)

[Non-text portions of this message have been removed]

30900. RE: [FT897] Fw : You could download all your favorite music , videos , wallpapers for FREE!

Yahoo group: FT897 (2010)
Date: 2010-08-18 00:39:08 UTC
From: Dave Tipton, W5DMT
Topic: 30899 Message: 30900

Uh, I wouldn’t click on any of those links folks….

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sali Rostami
Sent: Tuesday, August 17, 2010 8:07 PM
To: FT897
Subject: [FT897] Fw : You could download all your favorite music , videos , wallpapers for FREE!

5:06:54 AM

My friend sent this email to me , and as I found it so interesting , I forwarded it to you . Hope you enjoy it too. (No Spam)

Dear Friend!
Congratulations! You could download all your favorite music , videos , wallpapers for FREE!

Best 2010 video Clips : http://bestclip.utc.ir

Famous Hot Artists & Singers pic : http://singer-artists.utc.ir
Hot Model Wallpaper : http://modelwallpaper.fay.ir

Best Desktop Wallpaper Pack 1 : http://desktopwallpaper.co1.ir
Best Desktop Wallpaper Pack 2 : http://desktopwallpaper.rdn.ir
Love Wallpaper : http://lovewallpaper.co1.ir
Best Cars 2011 : http://bestcar.fay.ir

Best Mobile Ringtone Pack 1 : http://ringtone.4-u.ir
Best Mobile Ringtone Pack 2 : http://ringtone.kis.ir
Best Magazine : http://magazine.2fa.ir

Very Hot ==> Download Unlimited Free : http://group.3de.ir

Its so easy:
1-click on your favorite links.
2-click on "free download" button.
3-Then fill the letters & then click "download".
4-Wait about 60s & then right click on “ Download it” button and then save target as .
Now You get it!
Try it right now and enjoy it!
(Please note that because of so many downloads , all files are uploaded in file sharings)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30901. Re: [FT897] Fw : You could download all your favorite music , videos , wallpapers for FREE!

Yahoo group: FT897 (2010)
Date: 2010-08-18 00:40:38 UTC
From: Joe
Topic: 30899 Message: 30901

Smells like spam to me......

Joe - WA6RKN

----- Original Message -----
From: "Sali Rostami" <wowi2010@...>
Subject: [FT897] Fw : You could download all your favorite music , videos , wallpapers for FREE!

5:06:54 AM

My friend sent this email to me , and as I found it so interesting , I forwarded it to you . Hope you enjoy it too. (No Spam)

Dear Friend!

30902. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 01:34:55 UTC
From: Barry Young
Topic: 30882 Message: 30902

Thanks Brent.

It seems pretty easy to build. I'll give it a shot. I believe the voice keyer software allows you to set up the triggering pin. I have a Radio Shack and Fry's Electronics near to me. I should be able to get the parts pretty easily.

Thanks again. I will let you know how it goes…

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Tuesday, August 17, 2010 7:25 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Recorded Message

On Tue, 2010-08-17 at 06:58 -0400, Barry Young wrote:
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> Hi Charles,
>
> Do you have a link to the program download? I looked on eham.net.
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> are a couple of Voice Key apps that are reasonable. But I think they
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http://www.0xdecafbad.com/2009/08/ft-897-tnc-interface/

You are not required to use the mic interface for just playback, but it costs almost nothing extra to make it into the cable and then you have it if you want to do other things.

The software of course has to know that its a serial PTT device and which pin its using to trigger the PTT. There are 2 variants that I have seen for serial, the schematics that I have appear to be the more popular variant, and that works with a variety of packet software as a

bonus.

kc2dwq

[Non-text portions of this message have been removed]

30903. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 03:19:35 UTC
From: Bret McDanel
Topic: 30882 Message: 30903

On Tue, 2010-08-17 at 21:34 -0400, Barry Young wrote:
>
> Thanks Brent.
>
> It seems pretty easy to build. I'll give it a shot. I believe the
> voice keyer software allows you to set up the triggering pin. I have a
> Radio Shack and Fry's Electronics near to me. I should be able to get
> the parts pretty easily.
>

radio shack does stock everything needed for it, although they charge a
premium anymore, I made one out of 100% radioshack parts for about
$10-15. Frys has been doing away with their electronics department over
the last decade, but they may have this stuff since its so common.

30904. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 03:56:05 UTC
From: Barry Young
Topic: 30882 Message: 30904

Bret,

I am looking at the wiring diagram for the Data Jack in the FT-897 manual on page 18. Just to clarify numbering the Data Jack connector From Right to Left:

Line RS232 FT-897 Data Port Data Port Label Your Diagram

GND 5 or 7 Pin 4 GND Pin 2

Computer Speaker Jack 5 or 7 Pin 3 Data In Unassigned

PTT 7 or 4 Pin 2 PTT Pin 3

Computer Mic Jack 5 or 7 Pin 5 Data Out 9600 Pin 4

Open 5 or 7 Pin 1 Data Out 1200 Pin 5

Am I understanding this correctly? Sorry for being confused. I just want to make sure I have the schematic correct based on the diagram of the FT-897 Data Jack.

Thanks!

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Tuesday, August 17, 2010 7:25 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Recorded Message

On Tue, 2010-08-17 at 06:58 -0400, Barry Young wrote:
>
> Hi Charles,
>
> Do you have a link to the program download? I looked on eham.net.
> There
> are a couple of Voice Key apps that are reasonable. But I think they
> all
> require additional hardware.

You will need something that can trigger the PTT and interface to the
sound card at a minimum. I personally use a USB sound card so that if
anything goes wrong (lightning for example) I have at least some
protection on my sound interface, granted its not bullet proof, but its
more than nothing. You can usually find these for $2-5 at various
places. I got mine for $2 at dealextreme.com.

For the PTT part I use a simple cable that I made for under $10 that
uses a serial port. Since my laptop does not have a serial port I use a

usb serial adapter. Schematics are on my blog, and are a (very)
slightly modified version of what is included in the 'soundmodem'
package but has the correct pin numbers for a 897.
http://www.0xdecafbad.com/2009/08/ft-897-tnc-interface/

You are not required to use the mic interface for just playback, but it
costs almost nothing extra to make it into the cable and then you have
it if you want to do other things.

The software of course has to know that its a serial PTT device and
which pin its using to trigger the PTT. There are 2 variants that I
have seen for serial, the schematics that I have appear to be the more
popular variant, and that works with a variety of packet software as a
bonus.

kc2dwq

[Non-text portions of this message have been removed]

30905. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 04:49:10 UTC
From: Bret McDanel
Topic: 30882 Message: 30905

On Tue, 2010-08-17 at 23:56 -0400, Barry Young wrote:
>
> Bret,
>
> I am looking at the wiring diagram for the Data Jack in the FT-897
> manual on page 18. Just to clarify numbering the Data Jack connector
> From Right to Left:
>
I am not sure if you are talking about pin numbers in the DB9 or the
data port on the radio.

So we are all on the same page http://www.ft897.com/FT-897_Pin_Outs
(unofficial FT897 wiki)

The ft897 data port is
Pin Description
1 Data IN
2 GND
3 PTT
4 Data Out (9600 bps)
5 Data Out (1200 bps)
6 SQL

RS232 is http://www.lammertbies.nl/comm/cable/RS-232.html

If you are unsure about the ft897 side, look for pin 2 (GND) should be
able to find it with an ohm meter. If you short pin 2 and 3 together
the radio will Tx. Pin 6 will go high when you have received a signal
(and is unused in my design).

The rest is just using the numbers listed on the schematic. The right
side is the FT-897 side. The left side is the RS232 serial interface.
You will probably use a 9 pin connector so you would want pins 5 & 7,
some older systems have a 25 pin connector which would be pins 4 & 7.

Did this clear it up? I was unclear on what you were asking so I
figured I would just cover about everything in the hopes that somewhere
is what you were looking for.

30906. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 09:29:42 UTC
From: Charles Mintoff
Topic: 30882 Message: 30906

http://www.sm3wmv.com/homebrew/voice_keyer.php
this is the link

On Wed, Aug 18, 2010 at 6:49 AM, Bret McDanel <trixter@...>wrote:

>
>
> On Tue, 2010-08-17 at 23:56 -0400, Barry Young wrote:
> >
> > Bret,
> >
> > I am looking at the wiring diagram for the Data Jack in the FT-897
> > manual on page 18. Just to clarify numbering the Data Jack connector
> > From Right to Left:
> >
> I am not sure if you are talking about pin numbers in the DB9 or the
> data port on the radio.
>
> So we are all on the same page http://www.ft897.com/FT-897_Pin_Outs
> (unofficial FT897 wiki)
>
> The ft897 data port is
> Pin Description
> 1 Data IN
> 2 GND
> 3 PTT
> 4 Data Out (9600 bps)
> 5 Data Out (1200 bps)
> 6 SQL
>
> RS232 is http://www.lammertbies.nl/comm/cable/RS-232.html
>
> If you are unsure about the ft897 side, look for pin 2 (GND) should be
> able to find it with an ohm meter. If you short pin 2 and 3 together
> the radio will Tx. Pin 6 will go high when you have received a signal
> (and is unused in my design).
>
> The rest is just using the numbers listed on the schematic. The right
> side is the FT-897 side. The left side is the RS232 serial interface.
> You will probably use a 9 pin connector so you would want pins 5 & 7,
> some older systems have a 25 pin connector which would be pins 4 & 7.
>
> Did this clear it up? I was unclear on what you were asking so I
> figured I would just cover about everything in the hopes that somewhere
> is what you were looking for.

>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

30907. Connecting FL-2100B

Yahoo group: FT897 (2010)
Date: 2010-08-18 10:18:15 UTC
From: w9wtf
Topic: 30907 Message: 30907

Hello all.
I just bought a Yaesu FL-2100B amplifier from a friend. My dilemma is
that I already use both ports in the back of my FT-897 for a LDG AT-897
and a sound card interface cable. I plan to get some type of switch so that I don't have to unplug the CAT/lin plug each time I want to use the amp. My question is; Will the 897 activate the amp itself or do I need to set up a manual switch of some type?
All advice is welcome!

Bob - W9WTF

30908. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 10:20:31 UTC
From: Bret McDanel
Topic: 30882 Message: 30908

On Wed, 2010-08-18 at 11:29 +0200, Charles Mintoff wrote:
> http://www.sm3wmv.com/homebrew/voice_keyer.php
> this is the link
>

that requires a printer (LPT) port, which many computers no longer
have.

30909. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 10:49:51 UTC
From: Barry Young
Topic: 30882 Message: 30909

Bret,

Here is the one I was looking at:

http://www.qsl.net/n7qjp/VKE/VKESupport1.htm

Thanks!

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Wednesday, August 18, 2010 6:21 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Recorded Message

On Wed, 2010-08-18 at 11:29 +0200, Charles Mintoff wrote:
> http://www.sm3wmv.com/homebrew/voice_keyer.php
> this is the link
>

that requires a printer (LPT) port, which many computers no longer
have.

[Non-text portions of this message have been removed]

30910. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 10:49:35 UTC
From: Barry Young
Topic: 30882 Message: 30910

Thanks Bret,

Is the connector for the radio data jack a connector a small din? Is there a standard part number or type? I assume Radio Shack or Fry's carries the data jack connector.

Thanks again Bret.

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Wednesday, August 18, 2010 12:49 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Recorded Message

On Tue, 2010-08-17 at 23:56 -0400, Barry Young wrote:
>
> Bret,
>
> I am looking at the wiring diagram for the Data Jack in the FT-897
> manual on page 18. Just to clarify numbering the Data Jack connector
> From Right to Left:
>
I am not sure if you are talking about pin numbers in the DB9 or the
data port on the radio.

So we are all on the same page http://www.ft897.com/FT-897_Pin_Outs
(unofficial FT897 wiki)

The ft897 data port is
Pin Description
1 Data IN
2 GND
3 PTT
4 Data Out (9600 bps)
5 Data Out (1200 bps)
6 SQL

RS232 is http://www.lammertbies.nl/comm/cable/RS-232.html

If you are unsure about the ft897 side, look for pin 2 (GND) should be
able to find it with an ohm meter. If you short pin 2 and 3 together
the radio will Tx. Pin 6 will go high when you have received a signal
(and is unused in my design).

The rest is just using the numbers listed on the schematic. The right
side is the FT-897 side. The left side is the RS232 serial interface.
You will probably use a 9 pin connector so you would want pins 5 & 7,

some older systems have a 25 pin connector which would be pins 4 & 7.

Did this clear it up? I was unclear on what you were asking so I figured I would just cover about everything in the hopes that somewhere is what you were looking for.

[Non-text portions of this message have been removed]

30911. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 11:04:36 UTC
From: Bret McDanel
Topic: 30882 Message: 30911

On Wed, 2010-08-18 at 06:49 -0400, Barry Young wrote:
>
> Thanks Bret,
>
> Is the connector for the radio data jack a connector a small din? Is
> there a standard part number or type? I assume Radio Shack or Fry's
> carries the data jack connector.
>

mac serial cable for the data jack (the old style that is a 6 pin din)

You can either buy a cable and cut one end off and use that or buy an
end and wire your own cable. It seems easier for many to just but the
cable and cut one end off.

30912. Re: Fw : You could download all your favorite music , videos , wallpapers for FREE!

Yahoo group: FT897 (2010)
Date: 2010-08-18 12:30:02 UTC
From: traburgess1945
Topic: 30899 Message: 30912

There should be a way to flag spam such as this for the attention of forum moderators.
I agree with a previous poster that the links may well be dangerous.

Travis
KF5HSE

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> Smells like spam to me......
>
> Joe - WA6RKN
>
> ----- Original Message -----
> From: "Sali Rostami" <wowi2010@...>
> Subject: [FT897] Fw : You could download all your favorite music , videos ,
> wallpapers for FREE!
>
>
>
> 5:06:54 AM
>
> My friend sent this email to me , and as I found it so interesting , I
> forwarded it to you . Hope you enjoy it too. (No Spam)
>
>
> Dear Friend!
>

30913. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 15:18:55 UTC
From: B Young
Topic: 30882 Message: 30913

For the ground on the computer mic and speaker 1/8" jacks, I assume the GND side is routed to the GND on the data jack as well as the other pins requiring GND.

I will use an ohm meter to verify all connections.

Thanks again Bret, This is going to be awesome if I can get it to work. It is all in the wiring :).

73, Barry K9BAY

On Wed, Aug 18, 2010 at 7:04 AM, Bret McDanel <trixter@...>wrote:

>
>
> On Wed, 2010-08-18 at 06:49 -0400, Barry Young wrote:
> >
> > Thanks Bret,
> >
> > Is the connector for the radio data jack a connector a small din? Is
> > there a standard part number or type? I assume Radio Shack or Fry?s
> > carries the data jack connector.
> >
>
> mac serial cable for the data jack (the old style that is a 6 pin din)
>
> You can either buy a cable and cut one end off and use that or buy an
> end and wire your own cable. It seems easier for many to just but the
> cable and cut one end off.
>
>
>

[Non-text portions of this message have been removed]

30914. Re: [FT897] Re: Fw : You could download all your favorite music , videos , wallpapers for FREE!

Yahoo group: FT897 (2010)
Date: 2010-08-18 16:09:00 UTC
From: B Young
Topic: 30899 Message: 30914

I had the same problem and got bounced from another Yahoo forum. I believe
they are able to do something about this issue.

73, Barry K9BAY

On Wed, Aug 18, 2010 at 8:30 AM, traburgess1945 <travburg1@...>wrote:

>
>
> There should be a way to flag spam such as this for the attention of forum
> moderators.
> I agree with a previous poster that the links may well be dangerous.
>
> Travis
> KF5HSE
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Joe <WA6RKN@...>
> wrote:
> >
> > Smells like spam to me......
> >
> > Joe - WA6RKN
> >
> > ----- Original Message -----
> > From: "Sali Rostami" <wowi2010@...>
> > Subject: [FT897] Fw : You could download all your favorite music , videos
> ,
> > wallpapers for FREE!
> >
> >
> >
> > 5:06:54 AM
> >
> > My friend sent this email to me , and as I found it so interesting , I
> > forwarded it to you . Hope you enjoy it too. (No Spam)
> >
> >
> > Dear Friend!
> >
>
>
>

[Non-text portions of this message have been removed]

30915. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-18 16:19:10 UTC
From: B Young
Topic: 30882 Message: 30915

Bret,

I actually found a PS2 mouse cable that fits. But I may need to trim down
the connector because it has extra molded casing around the connector. I
can cut off the other end. [?]

Thanks!
73, Barry K9BAY

On Wed, Aug 18, 2010 at 11:18 AM, B Young <youngbar0978@...> wrote:

> For the ground on the computer mic and speaker 1/8" jacks, I assume the GND
> side is routed to the GND on the data jack as well as the other pins
> requiring GND.
>
> I will use an ohm meter to verify all connections.
>
> Thanks again Bret, This is going to be awesome if I can get it to work.
> It is all in the wiring :).
>
> 73, Barry K9BAY
>
> On Wed, Aug 18, 2010 at 7:04 AM, Bret McDanel <trixter@...>wrote:
>
>>
>>
>> On Wed, 2010-08-18 at 06:49 -0400, Barry Young wrote:
>> >
>> > Thanks Bret,
>> >
>> > Is the connector for the radio data jack a connector a small din? Is
>> > there a standard part number or type? I assume Radio Shack or Fry?s
>> > carries the data jack connector.
>> >
>>
>> mac serial cable for the data jack (the old style that is a 6 pin din)
>>
>> You can either buy a cable and cut one end off and use that or buy an
>> end and wire your own cable. It seems easier for many to just but the
>> cable and cut one end off.
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

30916. RE: [FT897] Connecting FL-2100B

Yahoo group: FT897 (2010)
Date: 2010-08-18 19:33:25 UTC
From: eric@van-de-weyer.org
Topic: 30907 Message: 30916

Hi Bob,

I think you will find that you need to use a relay operated by the 897 to switch the linear as, from memory, the FL2100 uses a highish voltage, possibly AC, to operate its relay. It is a long time since I played with one, though.

73....Eric VK2VE/I

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "w9wtf" <tigrbob@...>
>Date: Wed, 18 Aug 2010 10:18:15 -0000
>Subject: [FT897] Connecting FL-2100B
>Reply-To: FT897@yahoogroups.com
>
>
>Hello all.
> I just bought a Yaesu FL-2100B amplifier from a friend. My dilemma is
>that I already use both ports in the back of my FT-897 for a LDG AT-897
>and a sound card interface cable. I plan to get some type of switch so that
>I don't have to unplug the CAT/lin plug each time I want to use the amp.
>My question is; Will the 897 activate the amp itself or do I need to set
>up a manual switch of some type?
> All advice is welcome!
>
> Bob - W9WTF
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

30917. Re: Connecting FL-2100B

Yahoo group: FT897 (2010)
Date: 2010-08-18 19:44:06 UTC
From: matt_w5ll
Topic: 30907 Message: 30917

http://www.theheathkitshop.com/page13/page13.html

You need this and a amplifier keying cable that fits your rig...

Matt
W5LL
--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi Bob,
>
> I think you will find that you need to use a relay operated by the 897 to
> switch the linear as, from memory, the FL2100 uses a highish voltage, possibly
> AC, to operate its relay. It is a long time since I played with one, though.
>
> 73....Eric VK2VE/I
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: "w9wtf" <tigrbob@...>
> >Date: Wed, 18 Aug 2010 10:18:15 -0000
> >Subject: [FT897] Connecting FL-2100B
> >Reply-To: FT897@yahoogroups.com
> > >
> > >
> >Hello all.
> > > I just bought a Yaesu FL-2100B amplifier from a friend. My dilemma is
> >that I already use both ports in the back of my FT-897 for a LDG AT-897
> >and a sound card interface cable. I plan to get some type of switch so that
> >I don't have to unplug the CAT/lin plug each time I want to use the amp.
> >My question is; Will the 897 activate the amp itself or do I need to set
> >up a manual switch of some type?
> > > All advice is welcome!
> > >
> > > Bob - W9WTF
> > >
> > >
> > >
> >------------------------------------
> > >
> >Yahoo! Groups Links
> > >
> > >
> > >
>

30918. Re: Connecting FL-2100B

Yahoo group: FT897 (2010)
Date: 2010-08-19 12:05:33 UTC
From: Bob
Topic: 30907 Message: 30918

Thanks for the advice!

Bob - W9WTF

[Non-text portions of this message have been removed]

30919. ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 17:49:13 UTC
From: Iain
Topic: 30919 Message: 30919

Hi All

Anyone know where I can get an extra dc power cable for my 897 here in the uk ?

Or maybe even just the plug ?

Tnx in advance

Iain G4DPF

[Non-text portions of this message have been removed]

30920. Re: [FT897] ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 17:52:15 UTC
From: Graham
Topic: 30919 Message: 30920

eBay, hamradio.co.UK , wsplc.com

Sent from my iPhone

On 19 Aug 2010, at 18:49, "Iain" <iain@...> wrote:

> Hi All
>
> Anyone know where I can get an extra dc power cable for my 897 here in the
> uk ?
>
> Or maybe even just the plug ?
>
> Tnx in advance
>
> Iain G4DPF
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

30921. Re: [FT897] ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 18:50:08 UTC
From: af2c@njdxa.org
Topic: 30919 Message: 30921

Iain -

I am certain that there are electronics resource shops in the UK.

Normal going rate (on eBay) is about $20.00 (US) for the powercord plus
shipping.

Another option is to fabricate cable:

Plug - $5.00 (US)
Wire (#12) - about $00.40 per foot
Fuse Holders (Hefty ones) - about $2.00 (US) each
plus
two (2) 20 Amp fuses unknown cost.

You should be able to fabricate the cable for about $`15 - $16 (US) or less.

Of course, you may be able to do better at a local hamfest.

73,
Jay/AF2C

At 06:49 PM 8/19/2010 +0100, you wrote:
>
>
>Hi All
>
>Anyone know where I can get an extra dc power cable for my 897 here in the
>uk ?
>
>Or maybe even just the plug ?
>
>Tnx in advance
>
>Iain G4DPF
>
>[Non-text portions of this message have been removed]

30922. MARS/CAP transmission

Yahoo group: FT897 (2010)
Date: 2010-08-19 20:10:56 UTC
From: oceanbiz01
Topic: 30922 Message: 30922

I recall seeing a thread on how to open the TX for MARS/CAP. I am assuming that this mod allows transmission on any frequency from 1.8 MHz on up. Does it allow transmission on 220 MHz for CW, SSB, and FM ?
In the VHF contests, lot's of guys ask if you can go on 220 MHz for a multiplier. I would like to ba able to do that.

Dan K3ZXL

30923. Re: [FT897] ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 22:01:02 UTC
From: Alec Gaffin
Topic: 30919 Message: 30923

On 19/08/2010 18:52, Graham wrote:
>
> eBay, hamradio.co.UK , wsplc.com
>
> Sent from my iPhone
>
> On 19 Aug 2010, at 18:49, "Iain" <iain@....uk
> <mailto:iain%40g4dpf.co.uk>> wrote:
>
> > Hi All
> >
> > Anyone know where I can get an extra dc power cable for my 897 here
> in the
> > uk ?
> >
> > Or maybe even just the plug ?
> >
> > Tnx in advance
> >
> > Iain G4DPF
>

> All of the major dealers stock this item here in the UK
>
it is identical to the Yaesu lead.

As you are Details Withheld in the Call Book I cannot suggest a
local dealer.
I can suggest Martin Lynch and Sons 0845 2300 599 who have an excellent
Mail order
73
G0MWO

>

[Non-text portions of this message have been removed]

30924. Re: [FT897] ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 22:10:39 UTC
From: Alec Gaffin
Topic: 30919 Message: 30924

Apologies I entered an incorrect call sign and found you in St Neots
Once again sorry
Alec.

On 19/08/2010 23:01, Alec Gaffin wrote:
>
> On 19/08/2010 18:52, Graham wrote:
> >
> > eBay, hamradio.co.UK , wsplc.com
> >
> > Sent from my iPhone
> >
> > On 19 Aug 2010, at 18:49, "Iain" <iain@....uk
> <mailto:iain%40g4dpf.co.uk>
> > <mailto:iain%40g4dpf.co.uk>> wrote:
> >
> > > Hi All
> > >
> > > Anyone know where I can get an extra dc power cable for my 897 here
> > in the
> > > uk ?
> > >
> > > Or maybe even just the plug ?
> > >
> > > Tnx in advance
> > >
> > > Iain G4DPF
> >
>
> All of the major dealers stock this item here in the UK
> >
> it is identical to the Yaesu lead.
>
> As you are Details Withheld in the Call Book I cannot suggest a
> local dealer.
> I can suggest Martin Lynch and Sons 0845 2300 599 who have an excellent
> Mail order
> 73
> G0MWO
>
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

30925. Re: [FT897] ft897 DC power cable

Yahoo group: FT897 (2010)
Date: 2010-08-19 22:26:20 UTC
From: Jerry Lefever
Topic: 30919 Message: 30925

Hi
Waters & Stanton, Martin Lynch . . . any of the radio rallies this summer.
Regards
EA8/G4CAZ

On Thu, Aug 19, 2010 at 6:49 PM, Iain <iain@g4dpf.co.uk> wrote:

>
>
> Hi All
>
> Anyone know where I can get an extra dc power cable for my 897 here in the
> uk ?
>
> Or maybe even just the plug ?
>
> Tnx in advance
>
> Iain G4DPF
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

30926. 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 17:12:15 UTC
From: amccom2
Topic: 30926 Message: 30926

Hams,
anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
k9bw

30927. Re: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 18:01:39 UTC
From: Michael Hughey
Topic: 30926 Message: 30927

Well, one thing I DO know. My FC-30 will not tune on 80 or 160. My MFJ 941 will tune the radio down to 80 meters on a G5RV, but it won't tune to 160 meters. I'll have to get a longer wire and try again. I don't know anything else though.

Mike - KF4DUS

From: amccom2 <amccom2@...>
To: FT897@yahoogroups.com
Sent: Sat, August 21, 2010 11:12:15 AM
Subject: [FT897] 160 meter operation

Hams,
anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
k9bw

[Non-text portions of this message have been removed]

30928. Re: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 18:09:36 UTC
From: Dan Schaaf
Topic: 30926 Message: 30928

Let me tell you something about low band antennas. G5RV is a perfect example. And, I have been there and done that on 160.
If the antenna is significantly short (much less than resonant length should be) then first, you will lose a lot of power in the tuner trying to match the short antenna. A T type tuner will lose up to 25% of transmitted power in heating the inductor in the tuner. I warped 2 rotary inductors using my G5RV on 160.
On 80 meters, I had to add or subtract wire on the legs of it to get a resonant point. I was pushing a KW but the concept is the same, 1 KW or 100 watts.

Now, it seems to me if the mismatch is really large, you may also get RF feedback along the shield of the coax. On low bands it takes a hell of a lot of ferrites to hold the RF back. The FC-30 is not designed to match greater than 3:1 SWR if I am not mistaken.
The matching is best done at the feedpoint of the antenna in the case of low band operation with a short antenna. Then you will not heat up the coax and the tuner.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: Michael Hughey
To: FT897@yahoogroups.com
Sent: Saturday, August 21, 2010 2:01 PM
Subject: Re: [FT897] 160 meter operation

Well, one thing I DO know. My FC-30 will not tune on 80 or 160. My MFJ 941
will tune the radio down to 80 meters on a G5RV, but it won't tune to 160
meters. I'll have to get a longer wire and try again. I don't know anything
else though.

Mike - KF4DUS

From: amccom2 <amccom2@...>
To: FT897@yahoogroups.com
Sent: Sat, August 21, 2010 11:12:15 AM
Subject: [FT897] 160 meter operation

Hams,
anyone ever get this thing to operate on 160? I have a 160 meter loop with
remote tuner, and the unit goes balistic with feed back when trying to operate
on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all

the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
k9bw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30929. RE: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 19:07:55 UTC
From: eric@van-de-weyer.org
Topic: 30926 Message: 30929

Hi,

I have used my 897 on 160 into a multi band antenna which was designed to
only go to 80m without any problem. I did NOT use an auto tuner but rather
a manual one and was able to have a number of contacts on the setup. It works
fine on 80m too, of course. I would not use an auto tuner, though, as i believe
that a manual tuner can be more inteligently adjusted than an auto one. Just
my opinion though.

At our local club, we use a TS2000 and FL7000 amp into a full wave loop each
year for our local 160m contest and have had very little problem there, either,
even though the antenna is only a matter of a few metres above the shack.

You mention lots of grounds, you should only ever have ONE RF ground for
the shack and radio gear, which must, of course, be totally separate from
the power safety ground.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "amccom2" <amccom2@...>
>Date: Sat, 21 Aug 2010 17:12:15 -0000
>Subject: [FT897] 160 meter operation
>Reply-To: FT897@yahoogroups.com
>
>
>Hams,
>anyone ever get this thing to operate on 160? I have a 160 meter loop
with
>remote tuner, and the unit goes balistic with feed back when trying to operate
>on 160. lots of ferrites and grounds. no linear. My galaxy V never gave
>me all the problems this baby has with 160 and yes even 75 meters. Tuner
>is at antenna terminal end so this SHOULD not be a issue. If you operate
>on 160..... what is the trick other than getting my galaxy V out of moths
>balls.
>k9bw
>
>
>
>----------------------------------
>
>Yahoo! Groups Links
>
>
>

30930. Re: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 20:14:39 UTC
From: Rob Stampfli
Topic: 30926 Message: 30930

On Sat, Aug 21, 2010 at 05:12:15PM -0000, amccom2 wrote:
> Hams,
> anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.

I can't tell you, but I operate 160m often with my FT-897D, with and without an amp, and aside from the usual glitchy things that annoy us all -- for instance, I get into one set of computer speakers and have to turn them off when I'm on the top band (but oddly not the other set, which only seems affected by my 2m operations) -- I don't have any significant issues.

Now, 80m is more problematic here, but then it doesn't seem to matter which rig I am using on 80, and the itself 897 is happy enough on either band.

Do you have everything grounded? How far from an earth ground are you?

YMMV,
Rob / KD8WK

30931. Re: 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-22 14:59:34 UTC
From: Sam M
Topic: 30926 Message: 30931

Like most things today the plastic body is probably allowing unwanted RF thru the casing not matter how hard you try to ground the chassis grounds. Seems that the engineers would have made better designs to defeat this known issue. Almost makes for a class action lawsuit to get some real metal covers with shielding :)
KF4UGA

--- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
>
> Hams,
> anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
> k9bw
>

30932. RE: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-22 15:08:25 UTC
From: Barry Young
Topic: 30882 Message: 30932

Bret,

I think I have all of the parts assembled. Fry's had all of the parts (if you cross reference NTE with the semiconductor number) except they were out of stock of the 1N4148.

I have found the USB wiring diagram. This one is for USB to PS2 mouse. In your earlier diagrams, you refer to serial RTS and GND. Here is the wiring diagram for the PS2 to USB. I am not sure what RTS maps to on the USB wiring diagram. The rest is straight to the radio.

http://technix.yahooboard.net/modding-diy-section-f8/ps-2-to-usb-wiring-diagram-t49.htm

What are your thoughts?

Thanks again for your help.

73, Barry K9BAY

From: FT897@...m [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Wednesday, August 18, 2010 7:05 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Recorded Message

On Wed, 2010-08-18 at 06:49 -0400, Barry Young wrote:
>
> Thanks Bret,
>
> Is the connector for the radio data jack a connector a small din? Is
> there a standard part number or type? I assume Radio Shack or Fry's
> carries the data jack connector.
>

mac serial cable for the data jack (the old style that is a 6 pin din)

You can either buy a cable and cut one end off and use that or buy an
end and wire your own cable. It seems easier for many to just but the
cable and cut one end off.

[Non-text portions of this message have been removed]

30933. Re:160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-22 15:08:41 UTC
From: Don Taylor
Topic: 30926 Message: 30933

More important, at least to me is how did you get a Galaxy 5 to work on 160.

Best regards,

Don Taylor

DJ0KM / K9SFN

GARANT-FUNK

GERMANY

[Non-text portions of this message have been removed]

30934. Re: [FT897] Re: 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-22 15:46:24 UTC
From: Charles Scott
Topic: 30926 Message: 30934

Sam:

What plastic case is that on which piece of equipment?

Mike:

First of all, what do you mean by "ballistic with feed back"? Is the radio doing weird things when you TX on 160 or is it that the transmit signal has other noises on it?

If you think it's RF getting into the radio, the first thing to do is to test the radio into a dummy load to see if it works that way. If that works, try disconnecting anything other than power, mic, and antenna and try the radio that way. If it works that way, then something else you had connected was letting RF in--but that also means you have stray RF. If it still has problems, and you still think it might be RF, then you may very well have not yet solved your stray RF problem with all of the ferrites and grounds. That would bring up the question of where the loop is relative to your equipment and other cables and how, exactly, you're feeding that antenna.

Chuck - N8DNX

On 8/22/2010 10:59 AM, Sam M wrote:
>
>
> Like most things today the plastic body is probably allowing unwanted RF thru the casing not matter how hard you try to ground the chassis grounds. Seems that the engineers would have made better designs to defeat this known issue. Almost makes for a class action lawsuit to get some real metal covers with shielding :)
> KF4UGA
>
> --- In FT897@yahoogroups.com, "amccom2"<amccom2@...> wrote:
>> Hams,
>> anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
>> k9bw

30935. Looking for MB2013A i.c.

Yahoo group: FT897 (2010)
Date: 2010-08-20 08:59:57 UTC
From: IT9BLB
Topic: 30935 Message: 30935

Hi everybody,
the very expensive MB2013A i.c. of my FP-30 is history now :-(
I'm in big troubles to find it as a spare part and some friends
said to me that, if found, it's really VERY expensive.
Surfing on the web, I found it also used into the FP-29 power
supply and into the ICOM PS-125 too.
Can someone help me to find a good source (selling to Italy)
where I can buy that part?

Thanks in advance for any help,
"Joe", IT9BLB/KF6FBC

30936. Re: 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-22 16:16:26 UTC
From: ke7adu
Topic: 30926 Message: 30936

I have had no trouble using my FT-897D on 160. I use a full wave loop, an LDG AT1000, and on occasion an AL-811. All equipment is tied to a single ground.

Anthony
AE7HS
--- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
>
> Hams,
> anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
> k9bw
>

30937. New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-19 20:12:30 UTC
From: mstarmer1
Topic: 30937 Message: 30937

Well when I arrived home from work I found I had my new 897 and now the fun begins.

One question I have is that the only way the power level can be changed is thru the menu? I sure thought there would have been an easier way to set that up...

Looking for ideas for my first HF antenna. Where is all the HF action at? I'm only a tech but would like to listen. Also trying to learn CW, so maybe a 40 meter. Limited on antenna due to HOA and location, something portable is probably my best bet.

Any ideas or files to point me in would be appreciated. I keep trying to search but the search function seems to be down, keeps getting errors or that it's undergoing maint?

Thanks,
MStarmer
KF7LDW

30938. Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-16 06:27:03 UTC
From: colin.bell99
Topic: 30883 Message: 30938

Chuck,

I'm not sure I understand your original comments.

Is the noise after transmitting (and staying about an hour) audible on all bands (albeit at different volume levels for different bands)? My interpretation is that it is. Does this include 2m/70cm?

When you have the noise after transmitting have you tried disconnecting the antenna? Does the noise then disappear or is it still audible? If the noise disappears I would think you have someting wrong with your radio. If it doesn't are you running on an external power supply? Have you tried batteries?

73 de Colin 2E0BPP

>
> [Non-text portions of this message have been removed]
>

30939. FT-897D display flashing

Yahoo group: FT897 (2010)
Date: 2010-08-22 04:21:20 UTC
From: Frank
Topic: 30939 Message: 30939

Hi:

I've had the unit for a week and it has developed an occasional (60%) annoying habit when powering on. On some bands the display characters will strobe off and on, except for the S 'meter' scale.

The 'fix' is to poke the Data din socket with my pinky.

Anyone else experienced this?

Serial begins with 0G so the set is pretty fresh from Yaesu.

---Frank--- ve7vaz

30940. Re: Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-16 15:00:38 UTC
From: KB3RPE
Topic: 30882 Message: 30940

Here's the link to Voice Keyer software, I agree it's nice & FREE!!!!!. You'll need an interface between rig & computer but if you do digital now that interface should work, mine does.....

http://www.sm3wmv.com/homebrew/voice_keyer_download.php

73
Gary, KB3RPE

--- In FT897@yahoogroups.com, Charles Mintoff <charles.mintoff@...> wrote:
>
> Use The one by the young Swedish radio ham very simple to use.
> Charles 9H4CM
>
> On Mon, Aug 16, 2010 at 1:33 AM, Barry Young <youngbar0978@...> wrote:
>
> > >
> > >
> > > Thanks Charles,
> > >
> > > I looked on eham.net and there are several. Anyone in particular you
> > > recommend? How do these applications interface to the FT-897? To enable
> > > PTT and play the message via the transmitter? I am looking at VoiceKeyer
> > > Express. There are several others. http://www.eham.net/reviews/products/39
> > >
> > > 73, Barry K9BAY
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> > > FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > > Charles Mintoff
> > > Sent: Sunday, August 15, 2010 12:41 PM
> > > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > > Subject: Re: [FT897] Recorded Message
> > >
> > > Download the program called Voice Keyer Excellent program
> > > Charles 9H4CM
> > >
> > > On Sat, Aug 14, 2010 at 11:38 PM, Barry Young
<youngbar0978@...<youngbar0978%40gmail.com>
> > > >wrote:
> > >
> > > > >
> > > > >
> > > > > Some radios have the capability of recording a message such as CQ Call
> > > sign

> > > for contesting, and playing it back over the air by hitting a key on the
> > > radio.
> > >
> > > Does the FT-897D have this feature? From what I have read in the FT-897D
> > > manual, you can play a CW message via multi function row "o". If not, is
> > > there any way to play messages for contesting?
> > >
> > > Thanks!
> > >
> > > Barry K9BAY
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > --
> > Regards
> > Charlie 9H4CM
> > -----
> > Fight back spam! Download the Blue Frog.
> > http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
> --
> Regards
> Charlie 9H4CM
> -----
> Fight back spam! Download the Blue Frog.
> http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
>
>
> [Non-text portions of this message have been removed]
>

30941. Flashing Display FT-897

Yahoo group: FT897 (2010)
Date: 2010-08-17 01:58:12 UTC
From: Frank
Topic: 30941 Message: 30941

Hi Guys:
I've got a new FT897 s/n 0G.... (May 2010) a few days ago. I don't know if it is my fat fingers running an unfamiliar radio or what, but often when I turn it on, the display flashes on most bands--everything but the S meter bar & legend. I've done the ugly reset (home & power) to no effect.

Is there a menu item I've inadvertently poked?

So far I've found unplugging the RT Systems programming cable does the trick, just why I don't know.

Anyone else seen this little problem?

73's ---Frank--- VE7VAZ

30942. Re: MARS/CAP transmission

Yahoo group: FT897 (2010)
Date: 2010-08-22 08:42:34 UTC
From: stykemup
Topic: 30922 Message: 30942

The mod will not permit 220 operation.

73, Bill, k3waw

--- In FT897@yahoogroups.com, "oceanbiz01" <dan-schaaf@...> wrote:
>
> I recall seeing a thread on how to open the TX for MARS/CAP. I am assuming that this mod allows transmission on any frequency from 1.8 MHz on up. Does it allow transmission on 220 MHz for CW, SSB, and FM ?
> In the VHF contests, lot's of guys ask if you can go on 220 MHz for a multiplier. I would like to ba able to do that.
>
> Dan K3ZXL
>

[Non-text portions of this message have been removed]

30943. Mfj morse reader

Yahoo group: FT897 (2010)
Date: 2010-08-18 15:32:02 UTC
From: russell0463@yahoo.com.au
Topic: 30943 Message: 30943

Hi group has anyone used a mfj morse reader with the 897 interest to know if they work well from russell vk2frus

30944. Re: [FT897] New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-22 17:07:53 UTC
From: Carl Wulfestieg
Topic: 30937 Message: 30944

Trying to learn CW? Many helpful ideas and CW elmers at Straight Key Century Club - go to http://www.skccgroup.com
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30945. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-22 17:17:00 UTC
From: Chuck Stroud
Topic: 30883 Message: 30945

Thanks for your thoughts Collin - they just came through today from the reflector (after 6 days!).

The noise increase is just on the band that I transmit. If I switch to another band and transmit it also increases there, but not until I transmit. When I go back to the original band, the noise is still present there as well. Therefore it doesn't appear until I transmit on that band, and the effect it is independent from the others. I notice it on every band but 2m/70cm. I usually use 80/40/20/17 ssb/cw and it occurs independently on each.

When I disconnect the antenna, the noise disappears and comes back when I reconnect. I have not tried to run on batteries yet as I have not purchased them, so I am using a power supply (SEC 1223). I've wondered if it has something to do with the antenna (G5RV), but everything tests fine there as well, and that wouldn't make sense. My anenna tuer is a LDG-Z11Pro II. Been very satisfied with it as well.

Thanks again for any insight from you or any others on the reflector. I emailed Yaesu over a week ago, but still have not received a reply.

73 de Chuck ka8hde
MN

From: colin.bell99 <colin.bell99@...>
To: FT897@yahoogroups.com
Sent: Mon, August 16, 2010 1:27:03 AM
Subject: [FT897] Re: noise level increases after transmitting

Chuck,

I'm not sure I understand your original comments.

Is the noise after transmitting (and staying about an hour) audible on all bands (albeit at different volume levels for different bands)? My interpretation is that it is. Does this include 2m/70cm?

When you have the noise after transmitting have you tried disconnecting the antenna? Does the noise then disappear or is it still audible? If the noise disappears I would think you have someting wrong with your radio. If it doesn't are you running on an external power supply? Have you tried batteries?

73 de Colin 2E0BPP

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30946. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-22 17:33:30 UTC
From: Dean Gibson AE7Q
Topic: 30883 Message: 30946

Is it possible that the increase in noise comes from the fact that once
you transmit, the antenna tuner has tuned the antenna and therefore you
are getting better reception of existing noise ?

-- Dean

On 2010-08-22 10:17, Chuck Stroud wrote:
> Thanks for your thoughts Collin - they just came through today from the
> reflector (after 6 days!).
>
> The noise increase is just on the band that I transmit. If I switch to another
> band and transmit it also increases there, but not until I transmit. When I go
> back to the original band, the noise is still present there as well.

30947. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-22 19:31:11 UTC
From: Curt Givens
Topic: 30883 Message: 30947

I suspect Dean is correct about your auto tuner tuning and passing a higher signal level through. Since the noise goes away when you disconect the antenna it must be coming from "outside". When noise levels go up in the shack I usually unhook the antenna to see if it's external noise.

HHave fun,

de Curt KC8STE/AAR5VR

--- On Sun, 8/22/10, Dean Gibson AE7Q <yahoo@...> wrote:

From: Dean Gibson AE7Q <yahoo@...>
Subject: Re: [FT897] Re: noise level increases after transmitting
To: FT897@yahoogroups.com
Date: Sunday, August 22, 2010, 1:33 PM

Is it possible that the increase in noise comes from the fact that once

you transmit, the antenna tuner has tuned the antenna and therefore you

are getting better reception of existing noise ?

-- Dean

On 2010-08-22 10:17, Chuck Stroud wrote:

> Thanks for your thoughts Collin - they just came through today from the

> reflector (after 6 days!).

>

> The noise increase is just on the band that I transmit. If I switch to another

> band and transmit it also increases there, but not until I transmit. When I go

> back to the original band, the noise is still present there as well.

[Non-text portions of this message have been removed]

30948. Re: 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-22 19:31:26 UTC
From: perryc
Topic: 30926 Message: 30948

It may be your loop or tuner.
I have an LDG at-897 tuner bolt on and it feeds a g5rv max 220 ft dipole at 30 feet, and it tunes 160 fine.
not much on there lately though.
why the remote tuner?
perry
ke6anm

--- In FT897@yahoogroups.com, "ke7adu" <ae7hs@...> wrote:
>
> I have had no trouble using my FT-897D on 160. I use a full wave loop, an LDG AT1000, and on occasion an AL-811. All equipment is tied to a single ground.
>
> Anthony
> AE7HS
> --- In FT897@yahoogroups.com, "amccom2" <amccom2@> wrote:
> >
> > Hams,
> > anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
> > k9bw
> >
>

30949. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-22 19:58:20 UTC
From: Chuck Stroud
Topic: 30883 Message: 30949

Dean & Curt-

You may be correct - thanks for the thoughts. Perhaps I should try a different tuner and see if the problem can be replicated.

Again thank you for taking the time to respond - I truly appreciate it. If anyone else has a thought or a similar problem I would love to hear about it.

73,
chuck ka8hde

From: Curt Givens <giveadurn@...>
To: FT897@yahoogroups.com
Sent: Sun, August 22, 2010 2:31:11 PM
Subject: Re: [FT897] Re: noise level increases after transmitting

I suspect Dean is correct about your auto tuner tuning and passing a higher signal level through. Since the noise goes away when you disconect the antenna it must be coming from "outside". When noise levels go up in the shack I usually unhook the antenna to see if it's external noise.

HHave fun,

de Curt KC8STE/AAR5VR

--- On Sun, 8/22/10, Dean Gibson AE7Q <yahoo@...> wrote:

From: Dean Gibson AE7Q <yahoo@...>
Subject: Re: [FT897] Re: noise level increases after transmitting
To: FT897@yahoogroups.com
Date: Sunday, August 22, 2010, 1:33 PM

Is it possible that the increase in noise comes from the fact that once

you transmit, the antenna tuner has tuned the antenna and therefore you

are getting better reception of existing noise ?

-- Dean

On 2010-08-22 10:17, Chuck Stroud wrote:

> Thanks for your thoughts Collin - they just came through today from the

> reflector (after 6 days!).

>

> The noise increase is just on the band that I transmit. If I switch to another

> band and transmit it also increases there, but not until I transmit. When I go

> back to the original band, the noise is still present there as well.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30950. RE: [FT897] Re: Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-22 20:52:10 UTC
From: Barry Young
Topic: 30882 Message: 30950

Part of this thread has been discussing the specifications of building a PTT cable / interface using the Data Port on the radio. I don't do digital, and just want something inexpensive to play a contesting CQ message. The posts included a simple solution using a few electronic parts to issue a Push-to-Talk and play a repeated message via a computer USB port using software (ie Voice Keyer supports serial communications) . Sure wish Yaesu would have built this functionality into the FT-897D. It is interesting that it can send CW messages and not voice. According to a friend, his FT-450 has this feature built in (I quickly looked at the FT-450 manual and didn't see any documentation on it). He hasn't really had time to go through the FT-450 in detail yet. Maybe be for portability reasons, they elected not to include sending voice messages on the FT-857 and FT-897.

The upside is that I get to build a interface and cable to send voice messages which is the fun part of this hobby.

Thanks!

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of KB3RPE
Sent: Monday, August 16, 2010 11:01 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Recorded Message

Here's the link to Voice Keyer software, I agree it's nice & FREE!!!!!. You'll need an interface between rig & computer but if you do digital now that interface should work, mine does.....

http://www.sm3wmv.com/homebrew/voice_keyer_download.php

73
Gary, KB3RPE

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , Charles Mintoff <charles.mintoff@...> wrote:
>
> Use The one by the young Swedish radio ham very simple to use.
> Charles 9H4CM
>
> On Mon, Aug 16, 2010 at 1:33 AM, Barry Young <youngbar0978@...> wrote:
>
> >
> >
> > Thanks Charles,
> >

> > I looked on eham.net and there are several. Anyone in particular you
> > recommend? How do these applications interface to the FT-897? To enable
> > PTT and play the message via the transmitter? I am looking at VoiceKeyer
> > Express. There are several others.
http://www.eham.net/reviews/products/39
> >
> > 73, Barry K9BAY
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<FT897%40yahoogroups.com> [mailto:
> > FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<FT897%40yahoogroups.com>] On Behalf Of
> > Charles Mintoff
> > Sent: Sunday, August 15, 2010 12:41 PM
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<FT897%40yahoogroups.com>
> > Subject: Re: [FT897] Recorded Message
> >
> > Download the program called Voice Keyer Excellent program
> > Charles 9H4CM
> >
> > On Sat, Aug 14, 2010 at 11:38 PM, Barry Young
<youngbar0978@...<youngbar0978%40gmail.com>
> > >wrote:
> >
> > >
> > >
> > > Some radios have the capability of recording a message such as CQ Call
> > sign
> > > for contesting, and playing it back over the air by hitting a key on
the
> > > radio.
> > >
> > > Does the FT-897D have this feature? From what I have read in the
FT-897D
> > > manual, you can play a CW message via multi function row "o". If not,
is
> > > there any way to play messages for contesting?
> > >
> > > Thanks!
> > >
> > > Barry K9BAY
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > >
> > --

> > Regards
> > Charlie 9H4CM
> > -----
> > Fight back spam! Download the Blue Frog.
> > http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
> --
> Regards
> Charlie 9H4CM
> -----
> Fight back spam! Download the Blue Frog.
> http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

30951. Re: [FT897] New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-22 20:54:59 UTC
From: Rob Stampfli
Topic: 30937 Message: 30951

On Thu, Aug 19, 2010 at 08:12:30PM -0000, mstarmer1 wrote:
> One question I have is that the only way the power level can be changed is thru the menu? I sure thought there would have been an easier way to set that up...

Yeah, that's a problem I have with the 897, too. There is Menu Mode 057 which allows you to set the MEM/VFO CH knob to select RF Power when the knob is depressed, but then it becomes difficult to tune the receiver outside the ham bands because you lose the Mhz step function. You can also control the power levels via sliders from Ham Radio Deluxe if you have the CAT interface connected to a computer.

Practically, the power control is really only a problem while trying to tune the amp. It would be nice to be able to access Menu 075 at the touch of a button.

Were I to design the human interface, I would have made the button beside the CLAR knob step through several functions, and RF Power would have been one of them. I would also have made the M/VFO button cycle through VFO A -> VFO B -> MEM. And finally, I would have made the HOME button programmable for both short and long pushes. (And, for me, the short push would have been to cycle VOX.) But, alas, for some reason Yaesu didn't approach me to provide input when the rig was designed.

> Looking for ideas for my first HF antenna. Where is all the HF action at? I'm only a tech but would like to listen. Also trying to learn CW, so maybe a 40 meter. Limited on antenna due to HOA and location, something portable is probably my best bet.

You can listen anywhere with virtually any antenna, so it all depends on what you like to listen to. Generally, 40 meters is good for getting a taste of what ham radio is all about, and 80 can be, er, "interesting", at night, if you like the seedier side of things. On 20, you often can only hear one side of the conversation.

Happy hunting with your 897.

Rob / KD8WK

30952. Re: [FT897] FT-897D display flashing

Yahoo group: FT897 (2010)
Date: 2010-08-22 21:03:01 UTC
From: Rob Stampfli
Topic: 30939 Message: 30952

On Sun, Aug 22, 2010 at 04:21:20AM -0000, Frank wrote:
> I've had the unit for a week and it has developed an occasional (60%) annoying habit when powering on. On some bands the display characters will strobe off and on, except for the S 'meter' scale.
>
> The 'fix' is to poke the Data din socket with my pinky.
>
> Anyone else experienced this?
>
> Serial begins with 0G so the set is pretty fresh from Yaesu.

Sounds like a problem to me. Is there something plugged into the
Data DIN socket? Have you taken the top off to see if there is some
pinched wire or something of that ilk in the area?

Rob / KD8WK

30953. Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-22 17:06:25 UTC
From: scotchmandr
Topic: 30953 Message: 30953

With the 8900 plugged into a regulated power supply or wired to the car... Is it safe to simply turn off the power supply or car to shut down the radio and turn on the power supply or car on (with approh appropriate surge protected autoswitch from anderson).

Or MUST one always power down the radio before the external power down and the reverse to power up.

I am concerned that my kids may forget and simply turn off the source power.

TNX 73, Phillip N8AYE
-.-. --.- -.. . .--- -.-. ....- -.-- --- ..-

30954. Re: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 19:20:58 UTC
From: Dan Schaaf
Topic: 30926 Message: 30954

Actually, yes, an autotuner may not be able to handle the short antenna, but auto tuners are typically L tuners and have only 2% loss, where as manual tuners are typically T tuners and there is a great deal of loss. These loss figures pertain to 160 meter operation. The figures diminish as you go higher in frequency.
I now use an MFJ-998 autotuner ant it is the cat's ass. And it handles full legal limit.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: eric@...
To: FT897@yahoogroups.com
Sent: Saturday, August 21, 2010 3:07 PM
Subject: RE: [FT897] 160 meter operation

Hi,

I have used my 897 on 160 into a multi band antenna which was designed to only go to 80m without any problem. I did NOT use an auto tuner but rather a manual one and was able to have a number of contacts on the setup. It works fine on 80m too, of course. I would not use an auto tuner, though, as i believe that a manual tuner can be more inteligently adjusted than an auto one. Just my opinion though.

At our local club, we use a TS2000 and FL7000 amp into a full wave loop each year for our local 160m contest and have had very little problem there, either, even though the antenna is only a matter of a few metres above the shack.

You mention lots of grounds, you should only ever have ONE RF ground for the shack and radio gear, which must, of course, be totally separate from the power safety ground.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "amccom2" <amccom2@...>
>Date: Sat, 21 Aug 2010 17:12:15 -0000
>Subject: [FT897] 160 meter operation
>Reply-To: FT897@yahoogroups.com
>

>
>Hams,
>anyone ever get this thing to operate on 160? I have a 160 meter loop
with
>remote tuner, and the unit goes balistic with feed back when trying to operate
>on 160. lots of ferrites and grounds. no linear. My galaxy V never gave
>me all the problems this baby has with 160 and yes even 75 meters. Tuner
>is at antenna terminal end so this SHOULD not be a issue. If you operate
>on 160..... what is the trick other than getting my galaxy V out of moths
>balls.
>k9bw
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

30955. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 09:30:30 UTC
From: Dan Schaaf
Topic: 30819 Message: 30955

No body? You mean nobody.

I have 51 countries worked on 60 and all 50 states.
K5YY and myself issue the WAS certificate for 60 meters.

And very soon we will be issuing DXCC type awards for 60 meters.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: DALE
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 9:18 PM
Subject: Re: [FT897] 60 Meter question

No body on 60 M anyway.
You can software wide band it and program the PROPER frequencies into the memories.

I did that with mine so I could get on 60 M when it became available.
I have a better radio for that now. I cannot get my 817 to revert back to normal now.
Dale

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 5:50:29 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] 60 Meter question

Dean,

I don't have memories 601 through 605. What now?

Danny
KE5WDI

From: Dean Gibson AE7Q < yahoo@... >
To: FT897@yahoogroups.com
Sent: Tue, August 10, 2010 3:21:12 PM
Subject: Re: [FT897] 60 Meter question

You need to go to the radio's memory section (press "V/M") and try to
select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
CH" knob to the left). If you can, the unit has the channels, and
that's what you must use, not manually tuning the radio. If you have
the USA FT-897D manual (if not, you can download it from the Yaesu web
site), that's documented on page 23.

On 2010-08-10 12:37, Danny Loyd wrote:
> Okay, I need to clarify my question. I put the FT-897 on the designated tuning

> frequency according to the ARRL Band plan chart I have and I get a TX ERROR
> indicator on my radio. Does this mean that my radio is not set for the 60 meter
>
> channels??
>
> Thank you, Danny / KE5WDI
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30956. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 14:11:02 UTC
From: Dan Schaaf
Topic: 30819 Message: 30956

OK, now, if he lost M601 through M605, he can now VFO dial to each channel of 60 meters and store them in his favorite memory locations. The MARS mod surely opened up the entire spectrum.
I did this on my FT-920 and FT-2000
I just select the appropriate memory location for each channel.
However, it is critical that he make sure that the stored frequency in USB is EXACTLY the legal frequency.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: PY5VB-Villas Boas
To: FT897@yahoogroups.com
Sent: Wednesday, August 11, 2010 9:55 AM
Subject: Re: [FT897] 60 Meter question

Danny:

Your FT897D is mod to MARS ? If you do this mod, you lost M601 through
M605 memories.

73, Villas - PY5VB

Em 10/08/2010 21:50, Danny Loyd escreveu:
>
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> _____
> From: Dean Gibson AE7Q <yahoo@... <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to

> select memories 601 through 605 (go to memory 001 and turn the "Mem/VFO
> CH" knob to the left). If you can, the unit has the channels, and
> that's what you must use, not manually tuning the radio. If you have
> the USA FT-897D manual (if not, you can download it from the Yaesu web
> site), that's documented on page 23.
>
> On 2010-08-10 12:37, Danny Loyd wrote:
> > Okay, I need to clarify my question. I put the FT-897 on the
> designated tuning
>
> > frequency according to the ARRL Band plan chart I have and I get a
> TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for
> the 60 meter
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30957. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-11 03:50:14 UTC
From: Joe
Topic: 30819 Message: 30957

Yer nuts! <<GRIN>

60 meters hops! Early evening, channel 5 is West coast Jeff Noon Net gang. 7 or so, on Channel 4, on the West coast, its the Buddipole gang. Early morning..1 am to 5 am or so, on Channel 1 and 2, it is the East coast..Mid Atlantic states down through Florida. (From the West Coast.)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "DALE" <wa7ixk@...>
Subject: Re: [FT897] 60 Meter question

> No body on 60 M anyway.

30958. Re: [FT897] Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-15 23:57:34 UTC
From: Dan Schaaf
Topic: 30882 Message: 30958

There is also AAVoice www.dxsoft.com

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: Barry Young
To: FT897@yahoogroups.com
Sent: Sunday, August 15, 2010 7:33 PM
Subject: RE: [FT897] Recorded Message

Thanks Charles,

I looked on eham.net and there are several. Anyone in particular you recommend? How do these applications interface to the FT-897? To enable PTT and play the message via the transmitter? I am looking at VoiceKeyer Express. There are several others. http://www.eham.net/reviews/products/39

73, Barry K9BAY

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Charles Mintoff
Sent: Sunday, August 15, 2010 12:41 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Recorded Message

Download the program called Voice Keyer Excellent program
Charles 9H4CM

On Sat, Aug 14, 2010 at 11:38 PM, Barry Young <youngbar0978@...>wrote:

>
>
> Some radios have the capability of recording a message such as CQ Call sign
> for contesting, and playing it back over the air by hitting a key on the
> radio.
>
> Does the FT-897D have this feature? From what I have read in the FT-897D
> manual, you can play a CW message via multi function row "o". If not, is

> there any way to play messages for contesting?
>
> Thanks!
>
> Barry K9BAY
>
> [Non-text portions of this message have been removed]
>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

30959. Re: [FT897] Re: MARS/CAP transmission

Yahoo group: FT897 (2010)
Date: 2010-08-22 16:46:11 UTC
From: Dan Schaaf
Topic: 30922 Message: 30959

Too bad for me.
I use the 897D for VHF and wud be nice to operate 220.
1 radio, 3 bands .

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: stykemup
To: FT897@yahoogroups.com
Sent: Sunday, August 22, 2010 4:42 AM
Subject: [FT897] Re: MARS/CAP transmission

The mod will not permit 220 operation.

73, Bill, k3waw

--- In FT897@yahoogroups.com, "oceanbiz01" <dan-schaaf@...> wrote:
>
> I recall seeing a thread on how to open the TX for MARS/CAP. I am
assuming that this mod allows transmission on any frequency from 1.8 MHz
on up. Does it allow transmission on 220 MHz for CW, SSB, and FM ?
> In the VHF contests, lot's of guys ask if you can go on 220 MHz for a
multiplier. I would like to ba able to do that.
>
> Dan K3ZXL
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

30960. Re: [FT897] 160 meter operation

Yahoo group: FT897 (2010)
Date: 2010-08-21 17:41:05 UTC
From: Dan Schaaf
Topic: 30926 Message: 30960

Feedback into the radio or into the DSL line?
Is the antenna full size or tiny?

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: amccom2
To: FT897@yahoogroups.com
Sent: Saturday, August 21, 2010 1:12 PM
Subject: [FT897] 160 meter operation

Hams,
anyone ever get this thing to operate on 160? I have a 160 meter loop with remote tuner, and the unit goes balistic with feed back when trying to operate on 160. lots of ferrites and grounds. no linear. My galaxy V never gave me all the problems this baby has with 160 and yes even 75 meters. Tuner is at antenna terminal end so this SHOULD not be a issue. If you operate on 160..... what is the trick other than getting my galaxy V out of moths balls.
k9bw

[Non-text portions of this message have been removed]

30961. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-12 14:10:24 UTC
From: Dan Schaaf
Topic: 30819 Message: 30961

DannyIn this group go to FILES: Select Wideband.htm file near bottom of the list. The following text is taken from that file.FT-897 Mod:- (taken from Mods.dk Site)
Remove top cover of radio being careful to remove speaker and battery switch connectors.

Locate Q1049 number on chip is HD64F2134FA20.. There are 9 solder pads connected to this chip through D1044, D1047, and D1048. On my radio pads 6, 7, and 8 are populated. Number 1 pad would be closer to the rear of the radio.

Populate pads 1, 2, and 3 with a piece of fine wire or just bridge the gap with solder.

Reset the radio by pressing and holding "V/M" and "F" buttons while turning on the radio. You will hear a series of beeps.
After mod radio will transceive 1.8-56 MHz, 137-164 MHz, and 420-470 MHz. With this mod it will not transmit between 118 and 137 MHz.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: Danny Loyd
To: FT897@...m
Sent: Thursday, August 12, 2010 10:00 AM
Subject: Re: [FT897] 60 Meter question

Tried to use my radio out of the Ham bands and got TX ERROR. So I believe that I have a non-D. Works great, but seller shouldn't have advertised as a D if it wasn't. I have no complaints at all about the radio. Next question is how do I expand it for MARS. Is a software expansion or a jumper change? I know this has probably been discussed before, but I am finding out that finding past threads on this group isn't very user friendly especially for me.

Thanks,

Danny
KE5WDI

From: Joseph Richard <jrichard333@hotmail.com>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 1:49:43 PM
Subject: RE: [FT897] 60 Meter question

You're welcome.

Have fun.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Danny Loyd
Sent: Wednesday, August 11, 2010 1:28 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Thanks, JR I will give this a try.

Danny
KE5WDI

_____
From: Joseph Richard <jrichard333@...m>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 11:37:04 AM
Subject: RE: [FT897] 60 Meter question

MARS mod
Tune it to any non ham frequency- i.e. 11m. Key the mic if you do not see TX
error, then it has the MARS modification

AT897
Remove the four screws on the case and then the four screws on the inside of
the unit. These screws go through the circuit board and attaches to the
case.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Danny Loyd
Sent: Wednesday, August 11, 2010 11:17 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] 60 Meter question

Not sure if it is Mod to MARS or not. I bought it second hand on eBay where
it was advertised as a D model. Not sure what changes the previous owner
made. If it is mod for MARS, this is a good thing as I want to get into Navy
MARS and would have to do the modification anyway. How do I tell if it has
been modified for MARS?

I know these may sound like dumb questions, but I am just now getting into
the technical and electronic part of radio again after along time away from
doing any electronic work.

Danny
KE5WDI

P.S. Just want to make sure I am right before I blow up anything.

From: PY5VB-Villas Boas <py5vb@...>
To: FT897@yahoogroups.com
Sent: Wed, August 11, 2010 8:55:36 AM
Subject: Re: [FT897] 60 Meter question

Danny:

Your FT897D is mod to MARS ? If you do this mod, you lost M601 through
M605 memories.

73, Villas - PY5VB

Em 10/08/2010 21:50, Danny Loyd escreveu:
>
> Dean,
>
> I don't have memories 601 through 605. What now?
>
> Danny
> KE5WDI
>
> ---
> From: Dean Gibson AE7Q <yahoo@... <mailto:yahoo%40ae7q.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tue, August 10, 2010 3:21:12 PM
> Subject: Re: [FT897] 60 Meter question
>
>
> You need to go to the radio's memory section (press "V/M") and try to
> select memories 601 through 605 (go to memory 001 and turn the
> "Mem/VFO CH" knob to the left). If you can, the unit has the channels,
> and that's what you must use, not manually tuning the radio. If you
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> Yaesu web site), that's documented on page 23.
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> > Okay, I need to clarify my question. I put the FT-897 on the
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> TX ERROR
> > indicator on my radio. Does this mean that my radio is not set for
> the 60 meter
> >
> > channels??
> >
> > Thank you, Danny / KE5WDI
> >
>

> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

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Yahoo! Groups Links

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[Non-text portions of this message have been removed]

30962. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-10 18:45:36 UTC
From: Dan Schaaf
Topic: 30819 Message: 30962

If you want to "Tune" on 60 meters for the purpose of adjusting an antenna tuner , it is better to go to the channel of interest, and whistle into the mic. Then you will not be out of band.
Or, if you have a tone generator, connect it to the mic input and generate a tone within the allowed audio spectrum.
Do it briefly. I know of no other way.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: DALE
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 2:33 PM
Subject: Re: [FT897] 60 Meter question

You are not allowed to tune up on 60 meters. SSB only, no CW.
One should read the rules .
A non D model will not tune as it is out of band.
A D model will not tune as it is programed not to. The proper frequencies are programed into 60 meter channels
Dale
.
----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 11:22:30 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] 60 Meter question

If your FT-897 shows a TX ERROR when you try to tune up the 60 meters
frequencies, is this an indicator that the unit is a non-D? If so, how do you
modify it to work on the 60 meter frequencies?

Thanks in advance,

Danny
KE5WDI

'---

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[Non-text portions of this message have been removed]

30963. FT-897D display flashing

Yahoo group: FT897 (2010)
Date: 2010-08-22 22:11:08 UTC
From: Geert Jan de Groot
Topic: 30939 Message: 30963

> I've had the unit for a week and it has developed an occasional
> (60%) annoying habit when powering on. On some bands the display
> characters will strobe off and on, except for the S 'meter' scale.
> The 'fix' is to poke the Data din socket with my pinky.

A flashing display means the DDS synthesizer is out of lock.

Open up the top, and make sure that the TCXO (this is the module
in the far right top corner, between the big shielded block
(which is the DDS) and the back of the radio, is fit completely.
This module is socketed and about 1 x 1/4" in size.

If this module is tight, and you have warranty, I'd suggest
to do the warranty thing. While I successfully done component
replacement inside the DDS module on several radios,
it really is not for the faint of heart as the majority of the
components are on the *bottom* of the DDS PCB and disassembly
of the DDS module is a major pain.

If the radio is new, warranty is the safer choice.

73,

Geert Jan PE1HZG

30964. RE: [FT897] Re: Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-22 23:27:57 UTC
From: Bret McDanel
Topic: 30882 Message: 30964

On Sun, 2010-08-22 at 16:52 -0400, Barry Young wrote:
>
> Part of this thread has been discussing the specifications of building
> a PTT
> cable / interface using the Data Port on the radio. I don't do
> digital, and
> just want something inexpensive to play a contesting CQ message. The
> posts
> included a simple solution using a few electronic parts to issue a
> Push-to-Talk and play a repeated message via a computer USB port using
> software (ie Voice Keyer supports serial communications) . Sure wish
> Yaesu
> would have built this functionality into the FT-897D.

The CAT port lets you, I even wrote a perl module that in theory should
work in osx, windows, linux (all other posix systems).

You will need a CAT port and an interface from the soundcard to the
radio somehow. That still means cables of some sort. Quality may be
lower, but you might be able to get away with a computer speaker next to
the radio mic, thus only requiring a CAT cable which can be purchased.

Writing an app that would just play a pre-recorded sound file should not
be difficult (which can be done via a wide range of tools, many
operating systems/distributions come with such tools)

http://www.0xdecafbad.com/2009/08/yaesu-ft-8xx-cat-perl-module/
my $err = $Radio->pressPTT();
my $err = $Radio->releasePTT();

> It is interesting
> that it can send CW messages and not voice. According to a friend, his
> FT-450 has this feature built in (I quickly looked at the FT-450
> manual and

My FT-50 handheld could record a 20 second clip on an ISD1000 chip
integrated into the keypad. This is the only radio I have seen that
yaesu made which records and plays back (from mic/air to speaker/air).

>

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

30965. Re: New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-23 01:07:11 UTC
From: ke5dfr@sbcglobal.net
Topic: 30937 Message: 30965

One thing that makes the 897 menus more tolerable is to run the radio with a computer and Ham Radio Deluxe (HRD). The LDG AT897 tuner works well with the radio as does the LDG AT200 PRO.

Can you sneak up a Hustler 5 band vertical during the times you want to use it and lay it down next to a fence when not in use? It works well with a tilt base.

Ken
KE5DFR

30966. Re: [FT897] 60 Meter question

Yahoo group: FT897 (2010)
Date: 2010-08-23 01:17:39 UTC
From: DALE
Topic: 30819 Message: 30966

If you have a DTMF mike you have a two tone and a single tone audio source.
Two tone used to be a standard way of testing SSB transmitters.
A single tone will give you a constant carrier, which is still not allowed on 60 M.
The best way is to start out with a resonant 60 M antenna you do not have to tune every time you use it.
That is what I used until I found very little activity. I still have 60 M a whip for mobile.
Dale

----- Original Message -----
From: "Dan Schaaf" <dan-schaaf@...>
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 11:45:36 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] 60 Meter question

If you want to "Tune" on 60 meters for the purpose of adjusting an antenna tuner , it is better to go to the channel of interest, and whistle into the mic. Then you will not be out of band.
Or, if you have a tone generator, connect it to the mic input and generate a tone within the allowed audio spectrum.
Do it briefly. I know of no other way.

Dan Schaaf
==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: DALE
To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 2:33 PM
Subject: Re: [FT897] 60 Meter question

You are not allowed to tune up on 60 meters. SSB only, no CW.
One should read the rules .
A non D model will not tune as it is out of band.
A D model will not tune as it is programed not to. The proper frequencies are programed into 60 meter channels
Dale
.
----- Original Message -----
From: "Danny Loyd" < ke5wdi@... >

To: FT897@yahoogroups.com
Sent: Tuesday, August 10, 2010 11:22:30 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] 60 Meter question

If your FT-897 shows a TX ERROR when you try to tune up the 60 meters frequencies, is this an indicator that the unit is a non-D? If so, how do you modify it to work on the 60 meter frequencies?

Thanks in advance,

Danny
KE5WDI

'---

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[Non-text portions of this message have been removed]

30967. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-23 01:35:55 UTC
From: scotchmandr
Topic: 30953 Message: 30967

I am referring to the 897 also as the PS manual is claiming an ORDER. But when hooked mobile, the ignition is the first thing usually turned off.

With the insertion of an Automatic Power ON/Off Switch to prevent "start up" surges... Should it be ok.

See here: http://www.powerwerx.com/fuse-holders-fuses/automatic-power-off-switch.html

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> With the 8900 plugged into a regulated power supply or wired to the car... Is it safe to simply turn off the power supply or car to shut down the radio and turn on the power supply or car on (with approh appropriate surge protected autoswitch from anderson).
>
> Or MUST one always power down the radio before the external power down and the reverse to power up.
>
> I am concerned that my kids may forget and simply turn off the source power.
>
> TNX 73, Phillip N8AYE
> -.-. --.- -.. . .--- -.-. ....- -.-- --- ..-
>

30968. HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 03:23:47 UTC
From: northsider20
Topic: 30968 Message: 30968

Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897 Plus as well.

Thanks in Advance KI8UM Patrick

30969. Re: [FT897] HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 03:26:23 UTC
From: Patrick
Topic: 30968 Message: 30969

Oops. Forgot to add, what interface devices are out there?

On Sun, Aug 22, 2010 at 11:23 PM, northsider20 <milw156@...> wrote:

>
>
> Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham
> Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897
> Plus as well.
>
> Thanks in Advance KI8UM Patrick
>
>
>

[Non-text portions of this message have been removed]

30970. Re: [FT897] New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-23 03:43:38 UTC
From: Keith Carpenter
Topic: 30937 Message: 30970

That is a "loaded" question ;-} You didn't give much info on space to run wires, access to trees, grounding, etc.

Anything that is visible would probably violate your agreement. So, I would use a FC-40 with a vertical or horizontal wire. You will need access to a good ground, water pipe, entry ground point. That is what we use at our condo. I paid about $250 for the FC-40 at GigaParts.

73!
Keith WD0FIA

--- On Thu, 8/19/10, mstarmer1 <mstarmer@...> wrote:

From: mstarmer1 <mstarmer@...>
Subject: [FT897] New FT-897D, need antenna ideas
To: FT897@yahoogroups.com
Date: Thursday, August 19, 2010, 8:12 PM

Well when I arrived home from work I found I had my new 897 and now the fun begins.

One question I have is that the only way the power level can be changed is thru the menu? I sure thought there would have been an easier way to set that up...

Looking for ideas for my first HF antenna. Where is all the HF action at? I'm only a tech but would like to listen. Also trying to learn CW, so maybe a 40 meter. Limited on antenna due to HOA and location, something portable is probably my best bet.

Any ideas or files to point me in would be appreciated. I keep trying to search but the search function seems to be down, keeps getting errors or that it's undergoing maint?

Thanks,
MStarmer
KF7LDW

[Non-text portions of this message have been removed]

30971. Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-08-23 06:24:51 UTC
From: colin.bell99
Topic: 30883 Message: 30971

Chuck,

OK and interesting the different thoughts others are having on your problem.

What I would try, before you try a different tuner, is to:

1) Create the noise then disconnect the aerial from the tuner and the tuner from the radio then connect the aerial directly into the radio.
If the noise has disappeared then suspect the tuner.

2) On the Z11ProII can you put it into bypass (I have an AT897 and briefly pushing the tune button causes the tuner to be bypassed)? If you can, create the noise and then bypass the tuner. Does the noise go away?

3) After creating the noise disconnect the aerial, earth it and then reconnect the aerial again. If the noise is still there disconnect the aerial and earth the input into the tuner then reconnect the aerial.

4) Have you tried turning off the agc in the FT897?

73 de Colin 2E0BPP

30972. Re: flashing display

Yahoo group: FT897 (2010)
Date: 2010-08-23 07:43:40 UTC
From: Dave Nelson
Topic: 30972 Message: 30972

I would hope that you dont keep the programming cable in all the time ???

you should be doing your programming and then removing the cable
else that interface cable could well be causing your probs cuz the radio
thinks
you want to go into programming mode
DONT leave it permanently plugged in :)

Dave
VK2TDN

At 07:52 AM 23/08/2010, you wrote:
>7. Flashing Display FT-897
> Posted by: "Frank" fstatham@... fws781
> Date: Sun Aug 22, 2010 9:43 am ((PDT))
>
>Hi Guys:
> I've got a new FT897 s/n 0G.... (May 2010) a few days ago. I don't
> know if it is my fat fingers running an unfamiliar radio or what, but
> often when I turn it on, the display flashes on most bands--everything
> but the S meter bar & legend. I've done the ugly reset (home & power) to
> no effect.
>
> Is there a menu item I've inadvertently poked?
>
> So far I've found unplugging the RT Systems programming cable does
> the trick, just why I don't know.
>
> Anyone else seen this little problem?
>
> 73's ---Frank--- VE7VAZ
>
>

30973. noise after transmit

Yahoo group: FT897 (2010)
Date: 2010-08-23 08:28:20 UTC
From: John Randall
Topic: 30973 Message: 30973

Hi all, Just wondering if its not a static build up problem. If he earths the antenna for a few seconds and then connects it , does the noise reduce or stop. Another though is that sometimes when neighbours get tvi, they resort to jamming methods to get back at the ham. Its been know to happen, so worth a check on this as well.

73
John

[Non-text portions of this message have been removed]

30974. RE: [FT897] Re: Recorded Message

Yahoo group: FT897 (2010)
Date: 2010-08-23 11:14:44 UTC
From: Barry Young
Topic: 30882 Message: 30974

Hey Bret,

We had some discussion on this prior threads and you posted a schematic of an interface, that will hopefully work with software like VoiceKeyer. I did have one question about the USB to RS232 as USB doesn't appear to have an RTS. I posted a wiring diagram on a thread and hoping to get a response from you.

Thanks!

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Bret McDanel
Sent: Sunday, August 22, 2010 7:28 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: Recorded Message

On Sun, 2010-08-22 at 16:52 -0400, Barry Young wrote:
>
> Part of this thread has been discussing the specifications of building
> a PTT
> cable / interface using the Data Port on the radio. I don't do
> digital, and
> just want something inexpensive to play a contesting CQ message. The
> posts
> included a simple solution using a few electronic parts to issue a
> Push-to-Talk and play a repeated message via a computer USB port using
> software (ie Voice Keyer supports serial communications) . Sure wish
> Yaesu
> would have built this functionality into the FT-897D.

The CAT port lets you, I even wrote a perl module that in theory should
work in osx, windows, linux (all other posix systems).

You will need a CAT port and an interface from the soundcard to the
radio somehow. That still means cables of some sort. Quality may be
lower, but you might be able to get away with a computer speaker next to
the radio mic, thus only requiring a CAT cable which can be purchased.

Writing an app that would just play a pre-recorded sound file should not
be difficult (which can be done via a wide range of tools, many
operating systems/distributions come with such tools)

http://www.0xdecafbad.com/2009/08/yaesu-ft-8xx-cat-perl-module/
my $err = $Radio->pressPTT();
my $err = $Radio->releasePTT();

> It is interesting
> that it can send CW messages and not voice. According to a friend, his
> FT-450 has this feature built in (I quickly looked at the FT-450
> manual and

My FT-50 handheld could record a 20 second clip on an ISD1000 chip
integrated into the keypad. This is the only radio I have seen that
yaesu made which records and plays back (from mic/air to speaker/air).

>

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

[Non-text portions of this message have been removed]

30975. Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 11:46:06 UTC
From: ke5dfr@sbcglobal.net
Topic: 30968 Message: 30975

Are you just wanting to run the radio or work digital mode? All it takes is the cable from the cat port to the radio and HRD if you just want to connect to the radio. If you want digital mode, you will need something like Signal Link USB.

I ran my 897 to a Acer Netbook on XP. On another laptop with Vista, I got the USB port dropping out after about 10 minutes and never found a patch to keep the USB port working. So much for Vista anyway.

Ken
KE5DFR

--- In FT897@yahoogroups.com, "northsider20" <milw156@...> wrote:
>
> Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897 Plus as well.
>
> Thanks in Advance KI8UM Patrick
>

30976. Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 12:40:58 UTC
From: Philip
Topic: 30968 Message: 30976

I chose the RT Systems cable to interface with. It's supported by Yaesu and RT Systems and can be ordered with the ADMS/RT Systems software. I bought it directly from RT Systems and am using it on a Vista 32 Dell laptop with HRD 2636- works great and is very high quality construction.

--- In FT897@yahoogroups.com, Patrick <milw156@...> wrote:
>
> Oops. Forgot to add, what interface devices are out there?
>
> On Sun, Aug 22, 2010 at 11:23 PM, northsider20 <milw156@...> wrote:
>
> >
> >
> > Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham
> > Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897
> > Plus as well.
> >
> > Thanks in Advance KI8UM Patrick
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

30977. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-23 13:56:15 UTC
From: BILLY ROSE
Topic: 30953 Message: 30977

Hi Philip
one always power down the radio before the external power down and the reverse to power up as you mentioned in your question always do it this way
73 Billy 2E1AXL UK
--- On Sun, 22/8/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Power Supply Switch
To: FT897@yahoogroups.com
Date: Sunday, 22 August, 2010, 18:06

With the 8900 plugged into a regulated power supply or wired to the car... Is it safe to simply turn off the power supply or car to shut down the radio and turn on the power supply or car on (with approh appropriate surge protected autoswitch from anderson).

Or MUST one always power down the radio before the external power down and the reverse to power up.

I am concerned that my kids may forget and simply turn off the source power.

TNX 73, Phillip N8AYE
-.-. --.- -.. . .--- -.-. ....- -.-- --- ..-

[Non-text portions of this message have been removed]

30978. Re: [FT897] HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 16:34:52 UTC
From: Marc DAVID
Topic: 30968 Message: 30978

HI

Go to FoxDelta webpage !
http://www.foxdelta.com/products/soundcard.htm

73

Le 23/08/2010 05:23, northsider20 a écrit :
>
> Hey group. Looking for suggestion/ideas for interfacing my 897D with
> Ham Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG
> AT-897 Plus as well.
>
> Thanks in Advance KI8UM Patrick
>
>

[Non-text portions of this message have been removed]

30979. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 17:26:10 UTC
From: Patrick
Topic: 30968 Message: 30979

What I don't under stand is my CAT port on the 897 is being used for my LDG 897 Plus antenna tuner.

On Mon, Aug 23, 2010 at 7:46 AM, ke5dfr@sbcglobal.net <ke5dfr@...>wrote:

>
>
> Are you just wanting to run the radio or work digital mode? All it takes is
> the cable from the cat port to the radio and HRD if you just want to connect
> to the radio. If you want digital mode, you will need something like Signal
> Link USB.
>
> I ran my 897 to a Acer Netbook on XP. On another laptop with Vista, I got
> the USB port dropping out after about 10 minutes and never found a patch to
> keep the USB port working. So much for Vista anyway.
>
> Ken
> KE5DFR
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "northsider20"
> <milw156@...> wrote:
> >
> > Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham
> > Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897
> > Plus as well.
> >
> > Thanks in Advance KI8UM Patrick
> >
>
>
>

[Non-text portions of this message have been removed]

30980. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-23 17:35:32 UTC
From: Charles Scott
Topic: 30953 Message: 30980

Billy, All:

I wouldn't say that this is a general rule. In fact, many of us have our mobile radios switched with the accessory line (mine with a 50 Amp relay) and simply shut off the car with no ill effects. While I don't use my 897 in that kind of situation, I have powered it down numerous times by simply dropping the supply line and saw no problems.

There have been some radios that have had problems with this, such as not properly saving the current operating state or memory updates when power is simply lost, but I believe that is a small minority of radios operating today.

The only other possible issue might be any erratic power supply behavior when turning supplies on or off. In most cases this should not be a problem, but then I'm not sure I'd want my radio connected to power in a car while starting the car (which is one reason for the relay).

Chuck - N8DNX

On 8/23/2010 9:56 AM, BILLY ROSE wrote:
> Hi Philip
> one always power down the radio before the external power down and the reverse to power up
> as you mentioned in your question always do it this way
> 73 Billy 2E1AXL UK
> --- On Sun, 22/8/10, scotchmandr<scotchmandr@...> wrote:
>

30981. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 17:48:04 UTC
From: B Young
Topic: 30968 Message: 30981

That is the way the tuner is designed. I have the Z100 Plus and it uses the ACC port. You should still be able to use the CAT port with HRD, as the LDG tuner more than likely has a seperate din jack. I recallI reading that in the documentation or info on the LDG website on the website when I was researching tuners.

On Mon, Aug 23, 2010 at 1:26 PM, Patrick <milw156@...> wrote:

> What I don't under stand is my CAT port on the 897 is being used for my LDG
> 897 Plus antenna tuner.
>
> On Mon, Aug 23, 2010 at 7:46 AM, ke5dfr@...
> <ke5dfr@...>wrote:
>
> >
> >
> > Are you just wanting to run the radio or work digital mode? All it takes
> is
> > the cable from the cat port to the radio and HRD if you just want to
> connect
> > to the radio. If you want digital mode, you will need something like
> Signal
> > Link USB.
> >
> > I ran my 897 to a Acer Netbook on XP. On another laptop with Vista, I got
> > the USB port dropping out after about 10 minutes and never found a patch
> to
> > keep the USB port working. So much for Vista anyway.
> >
> > Ken
> > KE5DFR
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "northsider20"
> > <milw156@...> wrote:
> > >
> > > Hey group. Looking for suggestion/ideas for interfacing my 897D with
> Ham
> > Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897
> > Plus as well.
> > >
> > > Thanks in Advance KI8UM Patrick
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

30982. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-23 17:53:43 UTC
From: bty78009284
Topic: 30811 Message: 30982

Hi All
Thank you for all the help, I looked at doing the mod but as the instructions says you need a microscope I did allot of digging and found that my rig was still in waranty so of it went to yaesu UK with cover letter. A week later good turn around they changed the filter no mention of the mod?
The main thing is it is working ;-)
thank you all
Bill
M3PTQ

--- In FT897@yahoogroups.com, "colin.bell99" <colin.bell99@...> wrote:
>
> Bill,
>
> This problem has been reported on this group before.
>
> Seems (as I remember) there maybe a broken ceramic filter.
>
> As you have it with the aerial unplugged it must be in the radio.
>
> 73 de Colin 2E0BPP
>
>
> --- In FT897@yahoogroups.com, "bty78009284" <billhughes1968@> wrote:
> >
> > Hi All
> > I have had my ft897d for three years and has seen meny addons the last being dsp modual.
> > This morning turned on the radio on every band was this static like popping some of them S6 on the meter, I changed the modes not heard on fm,uhf,vhf or fm, unplugged the ant still there came off mains on to battery still there. Please any ideas?
> >
> > Thanks in advance.
> > Bill
> > M3PTQ
> >
>

30983. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-23 18:17:27 UTC
From: Patrick
Topic: 30968 Message: 30983

Yes, that is absolutely right. I looked through the manual for the LDG 897 Plus, and there is a open jack, on the back of the tuner labeled, Computer. So now a new question has arisen. Can the LDG AT-897Plus be tuned via the HRD software? Thanks to all of the responses. Now to decide what interface.

73's to
all KI8UM

On Mon, Aug 23, 2010 at 1:48 PM, B Young <youngbar0978@...m> wrote:

>
>
> That is the way the tuner is designed. I have the Z100 Plus and it uses the
> ACC port. You should still be able to use the CAT port with HRD, as the LDG
> tuner more than likely has a seperate din jack. I recallI reading that in
> the documentation or info on the LDG website on the website when I was
> researching tuners.
>
>
> On Mon, Aug 23, 2010 at 1:26 PM, Patrick <milw156@...<milw156%40gmail.com>>
> wrote:
>
> > What I don't under stand is my CAT port on the 897 is being used for my
> LDG
> > 897 Plus antenna tuner.
> >
> > On Mon, Aug 23, 2010 at 7:46 AM, ke5dfr@sbcglobal.net<ke5dfr%40sbcglobal.net>
> > <ke5dfr@... <ke5dfr%40sbcglobal.net>>wrote:
> >
> > >
> > >
> > > Are you just wanting to run the radio or work digital mode? All it
> takes
> > is
> > > the cable from the cat port to the radio and HRD if you just want to
> > connect
> > > to the radio. If you want digital mode, you will need something like
> > Signal
> > > Link USB.
> > >
> > > I ran my 897 to a Acer Netbook on XP. On another laptop with Vista, I
> got
> > > the USB port dropping out after about 10 minutes and never found a
> patch
> > to
> > > keep the USB port working. So much for Vista anyway.

> > >
> > > Ken
> > > KE5DFR
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com>, "northsider20"
>
> > > <milw156@...> wrote:
> > > >
> > > > Hey group. Looking for suggestion/ideas for interfacing my 897D with
> > Ham
> > > > Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG
> AT-897
> > > > Plus as well.
> > > >
> > > > Thanks in Advance KI8UM Patrick
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30984. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-23 18:47:05 UTC
From: Carl Wulfestieg
Topic: 30953 Message: 30984

Well, I always follow the procedure as stated by Billy Rose- This also is the same procedure that came in the FP-30B Power Supply instructions- I don't know if a different procedure would cause harm or not but I'm not going to take a chance- However, if in a mobile station, and power switch (ignition?) and FT-897 switch are "on", then when starting the engine, the transients that would appear, might cause harm-
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

30985. Re: New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-23 23:23:17 UTC
From: mstarmer1
Topic: 30937 Message: 30985

--- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@...> wrote:
>
> That is a "loaded" question ;-}

Yep, they always are aren't they?? :)

Well first off no trees in yard, back yard is probably 60x30 but in view of all the other neighbors. I was able to install a diamond x-50 on my deck by painting it the same color, just looks like a umbrella without the shade or a stick.

I did order a Super Antenna so I had something to put out in the yard and try to at least tune in a bit to see what's going on and learn a little more about this radio! If nothing else it's a portable field day kind of antenna. Looking around it looks like the motorized TarHeel type antennas are popular to hide in plain sight and remotely tune. I haven't sprung for a tuner yet and am simply looking to play a little on the tech portions as I study for my general license.

This would be made a whole lot easier if the "search" function for the groups was functional and I could search thru all the messages for the info that has already been posted.

Thanks,
Mike

30986. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-23 23:38:04 UTC
From: Chip G.
Topic: 30953 Message: 30986

Many people leave their radio connected to their antenna during a lightening storm without I'll effect. That doesn't mean it's not a risky behavior. Turning off your power supply with the radio still on IS a risky behavior. You have no idea how voltage will decay or how the powered radio circuits will respond to the decaying voltage. I would not recommend it on a routine basis.

-- Chip—N1MIE

On Aug 23, 2010, at 13:35, Charles Scott <cscott@...> wrote:

> I wouldn't say that this is a general rule. In fact, many of us have our
> mobile radios switched with the accessory line (mine with a 50 Amp
> relay) and simply shut off the car with no ill effects. While I don't
> use my 897 in that kind of situation, I have powered it down numerous
> times by simply dropping the supply line and saw no problems.

30987. New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-23 23:44:59 UTC
From: Kim Scheidel
Topic: 30937 Message: 30987

With the FT-897D I wanted something portable. I went with the Ventenna Companies HFp http://www.ventenna.com/ . I can take it along just about any where. When I take the motor home out, it comes along with the FT-897D. When we get to where we are camping I set up the HFp. I purchased the vertical first and added the dipole kit later. I like to use the dipole on my patio. I put the painters pole in an old umbrella stand and set up the HFp from 6-20M.

A local club here in Sacramento had the Ventenna Co. do a presentation last week. They had a vertical one set up on 40M. First contact was on CW to Mt Vernon, Virginia. They had a 20M dipole set up and heard both U.S. stations and Australian stations. They tried to make contact on 20 meters but ended up having a bad connector on one end of the coax. I have used the 20m dipole with good success.

You can check out reviews on e-ham for all antennas. Here is the link for HFp reviews. http://www.eham.net/reviews/detail/2737

Kim KE6RKX

[Non-text portions of this message have been removed]

30988. FT-897D display flashing

Yahoo group: FT897 (2010)
Date: 2010-08-23 23:52:17 UTC
From: Frank Statham
Topic: 30939 Message: 30988

Hi Jan:

Thanks for the quick reply.

I wiggled the TCXO on its connectors but it made no difference. I am going to pack it off to Yaesu.

The problem lies deeper as it only affects some bands, such as 14 mHz. For instance, if I tune down past 13.9 mHz, I hear a relay click and the display stops flashing and returns to normal. Tune up past 13.9 and it begins to flash.

Sounds to me like the synthesizer's VCO is just on the edge.

My last job before retirement was as a bench tech in a Motorola repair shop. I know my limits around SMC and multi-layer boards!

73's ---Frank--- ve7vaz

[Non-text portions of this message have been removed]

30989. RE: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-24 01:04:11 UTC
From: Barry Young
Topic: 30968 Message: 30989

Patrick,

With my Z100 Plus, on 20 Meters, for example, I have tuned the radio on several frequencies (upper and lower) and it seems to very stable across the band. The SWR will vary slightly based on the antenna length (resonant). The SWR is lower at the low end of the band and a little higher at the high (which makes sense based on the antenna length). Now when I switch bands to say 40M, I have to retune at that time. It doesn't do the full tune just tells the tuner to move to 40 M.

On the HRD tool menu, it does say LDG Electronics ATU. You might want to post the question on the HRD forum to find out more info. If you find out how HRD works with the LDG Autotuners, please share it with us on the FT-897 forum.

I hope this helps.

73, Barry K9BAY

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Patrick
Sent: Monday, August 23, 2010 2:17 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: HRD Interfacing

Yes, that is absolutely right. I looked through the manual for the LDG 897 Plus, and there is a open jack, on the back of the tuner labeled, Computer. So now a new question has arisen. Can the LDG AT-897Plus be tuned via the HRD software? Thanks to all of the responses. Now to decide what interface.

73's to
all KI8UM

On Mon, Aug 23, 2010 at 1:48 PM, B Young <youngbar0978@...> wrote:

>
>
> That is the way the tuner is designed. I have the Z100 Plus and it uses the
> ACC port. You should still be able to use the CAT port with HRD, as the LDG
> tuner more than likely has a seperate din jack. I recallI reading that in
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> 40yahoogroups.com>, "northsider20"
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> > > <milw156@...> wrote:
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Yahoo! Groups Links

30990. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-24 03:41:04 UTC
From: Patrick
Topic: 30968 Message: 30990

Thanks Barry.I will do that.....Patrick

On Mon, Aug 23, 2010 at 9:04 PM, Barry Young <youngbar0978@...> wrote:

>
>
> Patrick,
>
> With my Z100 Plus, on 20 Meters, for example, I have tuned the radio on
> several frequencies (upper and lower) and it seems to very stable across
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> band. The SWR will vary slightly based on the antenna length (resonant).
> The SWR is lower at the low end of the band and a little higher at the high
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> On the HRD tool menu, it does say LDG Electronics ATU. You might want to
> post the question on the HRD forum to find out more info. If you find out
> how HRD works with the LDG Autotuners, please share it with us on the
> FT-897
> forum.
>
> I hope this helps.
>
> 73, Barry K9BAY
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> Patrick
> Sent: Monday, August 23, 2010 2:17 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Re: HRD Interfacing
>
> Yes, that is absolutely right. I looked through the manual for the LDG 897
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> 73's to
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> > > > >
> > > > > Are you just wanting to run the radio or work digital mode? All it
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> 40yahoogroups.com> <FT897%
>
> > 40yahoogroups.com>, "northsider20"
> >
> > > > <milw156@...> wrote:
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> > > > > Thanks in Advance KI8UM Patrick
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30991. Re: [FT897] FT-897D display flashing

Yahoo group: FT897 (2010)
Date: 2010-08-24 04:47:29 UTC
From: Alex Schwarz
Topic: 30939 Message: 30991

Hi Frank;

I have the same thing happening with my FT-817D. Every once in a while when I turn it on it flashes and becomes unusabe. I turn it off and on several times until the display becomes steady again. I did not notice that it was dependend on the set frequency though. I seemes to me some wiored software bug...

Alex
VE7DXW

From: Frank Statham <fstatham@...>
To: FT897@yahoogroups.com
Sent: Mon, August 23, 2010 4:52:17 PM
Subject: [FT897] FT-897D display flashing

Hi Jan:

Thanks for the quick reply.

I wiggled the TCXO on its connectors but it made no difference. I am going to pack it off to Yaesu.

The problem lies deeper as it only affects some bands, such as 14 mHz. For instance, if I tune down past 13.9 mHz, I hear a relay click and the display stops flashing and returns to normal. Tune up past 13.9 and it begins to flash.

Sounds to me like the synthesizer's VCO is just on the edge.

My last job before retirement was as a bench tech in a Motorola repair shop. I know my limits around SMC and multi-layer boards!

73's ---Frank--- ve7vaz

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[Non-text portions of this message have been removed]

30992. Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-24 07:29:26 UTC
From: colin.bell99
Topic: 30968 Message: 30992

Patrick,

You have had a few replies but none have given the full answer.

Personally I have a RigExpert standard combined sound/cat USB interface and I am very happy with it.

It does not matter what CAT control solution you choose, so long as it plugs directly to the FT897 cat port and works correctly (I disconnected the AT897 cat and tested my FT897 with CAT control before I reconnected my AT897, it took about 20 minutes for me to be satisfied it was OK).

Assuming you have your AT897 connected as per the LDG manual just plug the cat din cable into the cat out port on the AT897, ensure the FT897 and computer port connection parameters are the same (line speed stop/start bits etc) and it should work.

My set up works fine with HRD and Mixw. For cat control you need to decide how you will key the rig etc but if you want to use PTT from a mike or morse key you just need to plug them in. The software still records frequency, time etc.

Of interest I notice LDG have changed the design of the AT897 (I think it is called the AT897plus) and there is no longer an ACC jack on the AT897Plus anymore.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "northsider20" <milw156@...> wrote:
>
> Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897 Plus as well.
>
> Thanks in Advance KI8UM Patrick
>

30993. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-24 08:05:16 UTC
From: KB1TCD
Topic: 30968 Message: 30993

Just bought an AT897Plus last month, unless it's an older model, but I don't think it is, it does have the acc jack. I haven't used it w/HRD yet, but the tuner works great! Bought the AT Blue SWR metre at the same time, both great products thus far.

73 de Jose Douglas - KB1TCD

From: colin.bell99 <colin.bell99@...>
To: FT897@yahoogroups.com
Sent: Tue, August 24, 2010 3:29:26 AM
Subject: [FT897] Re: HRD Interfacing

Patrick,

You have had a few replies but none have given the full answer.

Personally I have a RigExpert standard combined sound/cat USB interface and I am very happy with it.

It does not matter what CAT control solution you choose, so long as it plugs directly to the FT897 cat port and works correctly (I disconnected the AT897 cat and tested my FT897 with CAT control before I reconnected my AT897, it took about 20 minutes for me to be satisfied it was OK).

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My set up works fine with HRD and Mixw. For cat control you need to decide how you will key the rig etc but if you want to use PTT from a mike or morse key you just need to plug them in. The software still records frequency, time etc.

Of interest I notice LDG have changed the design of the AT897 (I think it is called the AT897plus) and there is no longer an ACC jack on the AT897Plus anymore.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "northsider20" <milw156@...> wrote:
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> Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham Radio
>Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897 Plus as
>well.
>
> Thanks in Advance KI8UM Patrick
>

[Non-text portions of this message have been removed]

30994. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-24 13:26:47 UTC
From: Don Taylor
Topic: 30811 Message: 30994

Starting with, but limited to radios with serial numbers with the letter ☐M☐ the AM Ceramic Filter located at CF1005 on both the FT 857 and 897 tends to develop an internal short which causes the ☐popping☐ static sound. The filter is marked TOKO A455HA. It costs a less then $5.00 even from YAESU. The replacement is rather simple and requires no alignment but you must remove the MAIN UNIT PCB and have a good soldering iron and solder sipper. If you DIY it the filter has 5 pins.

55 es 73

DJØKM / K9SFN

Don

dj0km@...

[Non-text portions of this message have been removed]

30995. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 13:47:14 UTC
From: Charles Scott
Topic: 30953 Message: 30995

Chip:

I appreciate your desire to be on the safe side, but I've never seen this problem with any radios using standard power supplies or even in cars (with the stated disclaimer about starting) nor have I ever heard of such problems. If you have a power supply that somehow exceeds the rated voltage at turn-on or turn-off, you should certainly fix that, but that's another issue. There should be absolutely no problem with supply voltage decay on any radio. If you know of any I'd be interested in why they have that problem.

Chuck - N8DNX

On 8/23/2010 7:38 PM, Chip G. wrote:
> Many people leave their radio connected to their antenna during a lightening storm without I'll effect. That doesn't mean it's not a risky behavior. Turning off your power supply with the radio still on IS a risky behavior. You have no idea how voltage will decay or how the powered radio circuits will respond to the decaying voltage. I would not recommend it on a routine basis.

30996. Re: [FT897] Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-24 14:26:36 UTC
From: Rob Stampfli
Topic: 30811 Message: 30996

On Tue, Aug 24, 2010 at 03:26:47PM +0200, Don Taylor wrote:
> Starting with, but limited to radios with serial numbers with the letter 'M'
> the AM Ceramic Filter located at CF1005 on both the FT 857 and 897 tends to
> develop an internal short which causes the 'popping' static sound. The
> filter is marked TOKO A455HA. It costs a less then $5.00 even from YAESU.
> The replacement is rather simple and requires no alignment but you must
> remove the MAIN UNIT PCB and have a good soldering iron and solder sipper.
> If you DIY it the filter has 5 pins.

As I understand it, the 'M' designation denotes a November manufacturing
date. But, which year?

Rob

30997. Re: [FT897] Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 15:05:31 UTC
From: Chip G.
Topic: 30953 Message: 30997

I've never been in an auto accident. That doesn't mean they don't happen. Look, you do whatever you think is right. I will take the extra seconds to turn off the radio first. BTW in my mobile installation the radio is direct connected to the battery, so it must be manually shut off anyway. Good luck, and I hope you never lose an expensive radio to a power kill maneuver.

-- Chip via iPad

On Aug 24, 2010, at 9:47, Charles Scott <cscott@...> wrote:

> I appreciate your desire to be on the safe side, but I've never seen
> this problem with any radios using standard power supplies or even in
> cars (with the stated disclaimer about starting) nor have I ever heard
> of such problems. If you have a power supply that somehow exceeds the
> rated voltage at turn-on or turn-off, you should certainly fix that, but
> that's another issue. There should be absolutely no problem with supply
> voltage decay on any radio. If you know of any I'd be interested in why
> they have that problem.

30998. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 15:29:49 UTC
From: g8hul
Topic: 30953 Message: 30998

--- In FT897@yahoogroups.com, "Chip G." <n1mie@...> wrote:
>
> I've never been in an auto accident. That doesn't mean they don't happen. Look, you do whatever you think is right. I will take the extra seconds to turn off the radio first. BTW in my mobile installation the radio is direct connected to the battery, so it must be manually shut off anyway. Good luck, and I hope you never lose an expensive radio to a power kill maneuver.
>
>

Chip,

You have to bear in mind that the power switch on the 897 is not a 'real' On/Off switch, it is a 'soft' switch and some parts of the radio is running even when switched off by the front panel switch. So at least the CPU will see any switch-off transients.

73
Jeff

30999. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 15:39:08 UTC
From: Rob Stampfli
Topic: 30953 Message: 30999

On Tue, Aug 24, 2010 at 03:29:49PM -0000, g8hul wrote:
> --- In FT897@yahoogroups.com, "Chip G." <n1mie@...> wrote:
> >
> > I've never been in an auto accident. That doesn't mean they don't happen. Look, you do whatever you think is right. I will take the extra seconds to turn off the radio first. BTW in my mobile installation the radio is direct connected to the battery, so it must be manually shut off anyway. Good luck, and I hope you never lose an expensive radio to a power kill maneuver.
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> You have to bear in mind that the power switch on the 897 is not a 'real' On/Off switch, it is a 'soft' switch and some parts of the radio is running even when switched off by the front panel switch. So at least the CPU will see any switch-off transients.

A slightly different question: I have my 897 on the desk with the switching PS in it. When done, I always power it off using the front button and then unplug it. I reverse the process to turn it on.

However, I never reach around back and turn off the switch on the PS.

Does anyone see any problem with this approach, in particular to the PS? I presume the PS switch simply interrupts the line current and the PS is none the worse for the wear, right?

Rob / KD8WK

31000. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 16:18:37 UTC
From: Dean Gibson AE7Q
Topic: 30953 Message: 31000

On 2010-08-24 08:29, g8hul wrote:
> You have to bear in mind that the power switch on the 897 is not a 'real' On/Off switch, it is a 'soft' switch and some parts of the radio is running even when switched off by the front panel switch. So at least the CPU will see any switch-off transients.
>
> 73, Jeff
>

In particular, there is power to the mic, as the MH-59 can be used to turn power on/off. Some radios (although apparently not the FT-897) can even be powered up via an external command on the serial data port when power is off.

-- Dean

31001. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-08-24 16:24:15 UTC
From: colin.bell99
Topic: 30811 Message: 31001

Don,

My FT897 has had this problem. It is a 2007 (L) model and from previous posts on this subject I believe other 2007 radios have also had the problem.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "Don Taylor" <dj0km@...> wrote:
>
> Starting with, but limited to radios with serial numbers with the letter "M"
> the AM Ceramic Filter located at CF1005 on both the FT 857 and 897 tends to
> develop an internal short which causes the "popping" static sound. The
> filter is marked TOKO A455HA. It costs a less then $5.00 even from YAESU.
> The replacement is rather simple and requires no alignment but you must
> remove the MAIN UNIT PCB and have a good soldering iron and solder sipper.
> If you DIY it the filter has 5 pins.
>
>
>
>
>
> 55 es 73
>
> DJØKM / K9SFN
>
>
>
> Don
>
>
>
> dj0km@...
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31002. Yaesu FT 897 and SPE Expert 1k Fa amplifier

Yahoo group: FT897 (2010)
Date: 2010-08-24 17:43:21 UTC
From: chuckschott727
Topic: 31002 Message: 31002

I would love to hear from anyone running this setup. I am also using the LDG Breakout Box for connections to the amp. Need to know just how you have it hooked up.

Thanks
K4grp.

31003. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-24 22:37:18 UTC
From: Geoff Blake
Topic: 30953 Message: 31003

On 24 August 2010 16:29, g8hul <g8hul@...> wrote:

>
>
> --- In FT897@yahoogroups.com, "Chip G." <n1mie@...> wrote:
> >
> > I've never been in an auto accident. That doesn't mean they don't happen.
> Look, you do whatever you think is right. I will take the extra seconds to
> turn off the radio first. BTW in my mobile installation the radio is direct
> connected to the battery, so it must be manually shut off anyway. Good luck,
> and I hope you never lose an expensive radio to a power kill maneuver.
> >
> >
>
> Chip,
>
> You have to bear in mind that the power switch on the 897 is not a 'real'
> On/Off switch, it is a 'soft' switch and some parts of the radio is running
> even when switched off by the front panel switch. So at least the CPU will
> see any switch-off transients.
>
> 73
> Jeff
>
Added to which, in most modern 12V powered radios, the PA and probably the
driver stage is/are normally connected directly across the incoming supply.
It is unusual to have any protection like (internal) supply fuses to protect
the PA and diver devices.

Geoff G8GNZ

>
>

[Non-text portions of this message have been removed]

31004. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-25 09:28:17 UTC
From: Dave Nelson
Topic: 30953 Message: 31004

Chip and Charles,

those many people will possibily find that one day it was a very silly thing to
leave their radio connected to the antenna during a storm.
as for switching off the radio by turning off the car ignition switch rather than
turning off at the radio is much less riskier. I have never heard of a radio being damaged by that and none of the dozen or so radios that I have owned over the last 30 years

cheers
Dave
VK2TDN

At 06:59 PM 24/08/2010, you wrote:
>3d. Re: Power Supply Switch
> Posted by: "Chip G." n1mie@... n1mie
> Date: Mon Aug 23, 2010 4:39 pm ((PDT))
>
>Many people leave their radio connected to their antenna during a
>lightening storm without I'll effect. That doesn't mean it's not a risky
>behavior. Turning off your power supply with the radio still on IS a risky
>behavior. You have no idea how voltage will decay or how the powered radio
>circuits will respond to the decaying voltage. I would not recommend it on
>a routine basis.
>
>
>-- Chipâ□□N1MIE

31005. Seiko men's chronograph watch for trade

Yahoo group: FT897 (2010)
Date: 2010-08-25 19:20:12 UTC
From: kj6cfi
Topic: 31005 Message: 31005

I have a Seiko men's chronograph watch in excellent contion, only worn once. Needs new battery. Would like to trade for Yaesu FP-30 internal power supply for the FT-897D. If interested, please contact me off-list.
Denny Dollahon, KJ6CFI

31006. Re: [FT897] Re: HRD Interfacing

Yahoo group: FT897 (2010)
Date: 2010-08-25 19:35:23 UTC
From: Patrick
Topic: 30968 Message: 31006

Thanks Colin. I did some research, and did notice both the back of the AT 897Plus tuner, and in the manual, that I can use both the tuner, and the CT-62 cable. So looks like I will be using the CT-62(USB) with HRD. Thanks for the reply Colin, and thanks to all that replied.

73's KI8UM

On Tue, Aug 24, 2010 at 3:29 AM, colin.bell99 <colin.bell99@...>wrote:

>
>
> Patrick,
>
> You have had a few replies but none have given the full answer.
>
> Personally I have a RigExpert standard combined sound/cat USB interface and
> I am very happy with it.
>
> It does not matter what CAT control solution you choose, so long as it
> plugs directly to the FT897 cat port and works correctly (I disconnected the
> AT897 cat and tested my FT897 with CAT control before I reconnected my
> AT897, it took about 20 minutes for me to be satisfied it was OK).
>
> Assuming you have your AT897 connected as per the LDG manual just plug the
> cat din cable into the cat out port on the AT897, ensure the FT897 and
> computer port connection parameters are the same (line speed stop/start bits
> etc) and it should work.
>
> My set up works fine with HRD and Mixw. For cat control you need to decide
> how you will key the rig etc but if you want to use PTT from a mike or morse
> key you just need to plug them in. The software still records frequency,
> time etc.
>
> Of interest I notice LDG have changed the design of the AT897 (I think it
> is called the AT897plus) and there is no longer an ACC jack on the AT897Plus
> anymore.
>
> 73 de Colin 2E0BPP
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "northsider20"
> <milw156@...> wrote:
> >
> > Hey group. Looking for suggestion/ideas for interfacing my 897D with Ham
> Radio Deluxe. Running Windows Vista, or Windows XP. I have the LDG AT-897

> Plus as well.
> >
> > Thanks in Advance KI8UM Patrick
> >
>
>
>

[Non-text portions of this message have been removed]

31007. SWR Meter

Yahoo group: FT897 (2010)
Date: 2010-08-25 20:41:13 UTC
From: mstarmer1
Topic: 1847 Message: 31007

Man I wish they would have included a video with this manual....

Anyway trying to check SWR on the few bands I can transmit on as a Tech and I can't find any way to read what the actual SWR is on the stock meter? I have found the HIGH SWR and the red but what is the relation of the graph to SWR? Trying to tune the Super Antenna MP-1 but is very hard.

thanks,
KF7LDW

31008. Re: [FT897] SWR Meter

Yahoo group: FT897 (2010)
Date: 2010-08-25 21:15:56 UTC
From: Carl Wulfestieg
Topic: 1847 Message: 31008

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "FILES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT, buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial.
LOL Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31009. FS FT897

Yahoo group: FT897 (2010)
Date: 2010-08-26 01:49:17 UTC
From: David F. Reed
Topic: 2198 Message: 31009

I am selling my FT-897D, with LDG AT-897Plus tuner, internal batteries and charger, and LDG external S-Meter.
Has MARS mod done. FP-30 optional internal power supply (fits in battery space; cannot do both at once) as well.

I am hoping to get $1100 for all (lists over $1600), Shipping included.

If interested, please contact me directly at w5sv.dave@...

TNX & 73 de Dave, W5SV

[Non-text portions of this message have been removed]

31010. Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 10:37:24 UTC
From: chuckschott727
Topic: 31010 Message: 31010

I have an extremely loose main tuning knob, meaning it wobbles on the shaft. I understand that there is a hex screw under the rubber, but I am not sure how to get to it. Any help?

Thanks
Chuck
K4grp

31011. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 12:07:17 UTC
From: Carl Wulfestieg
Topic: 31010 Message: 31011

Put your thumbs on the knob center - then use your fingers to "slide" the rubber ring toward you and off. To re-install, push rubber ring on gently.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

31012. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-26 12:29:19 UTC
From: ve3oij
Topic: 30953 Message: 31012

Then you've been much luckier than you might believe. As a former TV repairer, comms equipment maintenance officer in the military, computer geek of 30 years and radio amateur for just shy of 20, I can honestly say I have seen many tens of thousands of dollars of equipment damaged by being shut off at the power supply or unplugged without being shut off at its power switch first.

In recent years the tendency has been less toward hard damage and more toward scrambling of computer brains as a result of improper shutoff. But over all that time, I've seen lots of exploded equipment that couldn't handle the surge of suddenly being stuck on the electrical grid.

Anything with a computer in it can have that memory scrambled, for example, so even if you don't explode the equipment, you may cause it to lose its programming or slightly alter that programming in unusual ways when that initial spike of voltage hits it, or when the weird decaying shutdown voltage occurs. This is the most common issue I've seen in recent years with amateur radio gear and power-supply cutoff. I've specifically seen this happen on my own FT-897, and have had to hard reset it once as a result.

It's definitely less risky than lightning, but the risk is far from zero.

73 de VE3OIJ
-Darin

--- In FT897@yahoogroups.com, Dave Nelson <dave.nelson@...> wrote:
>
> Chip and Charles,
>
> as for switching off the radio by turning off the car ignition switch
> rather than
> turning off at the radio is much less riskier. I have never heard of a
> radio being damaged by that and none of the dozen or so radios that I have
> owned over the last 30 years

31013. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 13:05:14 UTC
From: Carl Wulfestieg
Topic: 31010 Message: 31013

Chuck-
In addition to my previous post, once you have the rubber ring off, you will have access to the hex set screw. If you remove the knob, you will then have access to an adjustment that sets the "drag" for the knob. You may want to adjust this if you feel that the knob "spins" too freely. Reverse to re-assemble.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

31014. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 13:18:42 UTC
From: ke4grp@aol.com
Topic: 31010 Message: 31014

Great, I did just that. What was interesting was that by tightening the spring actually tighten up the shaft. Must be a nut on the other side of the face plate. I was wondering how I was going to get to it, but I guess I don't have to. The radio has traveled with me on a few trips and went through on heck of an auto accident in AZ. It is probably a wonder that it works at all. I am using it as a back up as my Kenwood is in the shop.

Anyway, thanks again for your help, Carl.

73
Chuck

In a message dated 8/26/2010 9:05:36 A.M. Eastern Daylight Time, ag4ls@... writes:

Chuck-
In addition to my previous post, once you have the rubber ring off, you will have access to the hex set screw. If you remove the knob, you will then have access to an adjustment that sets the "drag" for the knob. You may want to adjust this if you feel that the knob "spins" too freely. Reverse to re-assemble.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31015. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 13:48:48 UTC
From: Carl Wulfestieg
Topic: 31010 Message: 31015

Another thing since you mentioned traveling - I have heard that most of the knob shafts on the FT-897 are plastic- They break easily from a sideways bang- this is to protect the PC board- So, be careful
73 Carl

[Non-text portions of this message have been removed]

31016. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-26 16:22:47 UTC
From: Charles Scott
Topic: 30953 Message: 31016

Darin:

I appreciate your perspective and as far as I'm concerned people should do whatever makes them feel good. However, there's a significant difference between communications gear and some other types of electronics, such as computers. In general though, if things tended to break when there's a power outage, we'd have some major class action lawsuits.

In the case of communications equipment, it's common for them to have power dropped without first using the power switch on the radio, either by disconnecting a cable or by turning off power supplies. As I've asked before, if someone can find a reason that some piece of communications equipment would have a problem with that (a specific case), I'd be real interested in hearing about it.

Chuck

On 8/26/2010 8:29 AM, ve3oij wrote:
> Then you've been much luckier than you might believe. As a former TV repairer, comms equipment maintenance officer in the military, computer geek of 30 years and radio amateur for just shy of 20, I can honestly say I have seen many tens of thousands of dollars of equipment damaged by being shut off at the power supply or unplugged without being shut off at its power switch first.
>
> In recent years the tendency has been less toward hard damage and more toward scrambling of computer brains as a result of improper shutoff. But over all that time, I've seen lots of exploded equipment that couldn't handle the surge of suddenly being stuck on the electrical grid.
>
> Anything with a computer in it can have that memory scrambled, for example, so even if you don't explode the equipment, you may cause it to lose its programming or slightly alter that programming in unusual ways when that initial spike of voltage hits it, or when the weird decaying shutdown voltage occurs. This is the most common issue I've seen in recent years with amateur radio gear and power-supply cutoff. I've specifically seen this happen on my own FT-897, and have had to hard reset it once as a result.
>
> It's definitely less risky than lightning, but the risk is far from zero.
>
> 73 de VE3OIJ
> -Darin

31017. RE: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-26 16:48:04 UTC
From: Ken Bandy
Topic: 30953 Message: 31017

Chuck, just remember that the line between "communications gear" and "computers" is pretty fuzzy any more. I would venture to say that it's hard to find any modern ham gear that doesn't have a fair amount of microprocessor circuitry in it, not the least of which would be the FT897, to which this list is devoted.

73,
Ken
KJ9B

> -----Original Message-----
> From: Charles Scott [mailto:cscott@...]
> Sent: Thursday, August 26, 2010 12:23 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Re: Power Supply Switch
>
> Darin:
>
> I appreciate your perspective and as far as I'm concerned
> people should
> do whatever makes them feel good. However, there's a significant
> difference between communications gear and some other types of
> electronics, such as computers. In general though, if things
> tended to
> break when there's a power outage, we'd have some major class action
> lawsuits.
>
> In the case of communications equipment, it's common for them to have
> power dropped without first using the power switch on the
> radio, either
> by disconnecting a cable or by turning off power supplies. As
> I've asked
> before, if someone can find a reason that some piece of
> communications
> equipment would have a problem with that (a specific case),
> I'd be real
> interested in hearing about it.
>
> Chuck
>
>
> On 8/26/2010 8:29 AM, ve3oij wrote:
> > Then you've been much luckier than you might believe. As a
> former TV repairer, comms equipment maintenance officer in
> the military, computer geek of 30 years and radio amateur for

> just shy of 20, I can honestly say I have seen many tens of
> thousands of dollars of equipment damaged by being shut off
> at the power supply or unplugged without being shut off at
> its power switch first.
> >
> > In recent years the tendency has been less toward hard
> damage and more toward scrambling of computer brains as a
> result of improper shutoff. But over all that time, I've
> seen lots of exploded equipment that couldn't handle the
> surge of suddenly being stuck on the electrical grid.
> >
> > Anything with a computer in it can have that memory
> scrambled, for example, so even if you don't explode the
> equipment, you may cause it to lose its programming or
> slightly alter that programming in unusual ways when that
> initial spike of voltage hits it, or when the weird decaying
> shutdown voltage occurs. This is the most common issue I've
> seen in recent years with amateur radio gear and power-supply
> cutoff. I've specifically seen this happen on my own FT-897,
> and have had to hard reset it once as a result.
> >
> > It's definitely less risky than lightning, but the risk is
> far from zero.
> >
> > 73 de VE3OIJ
> > -Darin

31018. RE: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 17:14:00 UTC
From: Michael Hughey
Topic: 31010 Message: 31018

The rubber peels off easily, like a rubber band. I have an even worse problem. My knob got bumped while inside a scooter trunk and broke the PLASTIC shaft of what I think is a sort of varister behind the front panel. I glued it back together with Gorilla Super Glue and it held for awhile. My selector switch also came off. I'm going to have to order a new varister for the main tuning knob from Yaesu. Why they decided that a plastic, threaded part would go well with a heavy metal shaft would be a good idea, I'll never figure out.

Mike KF4DUS

-----Original Message-----
From: chuckschott727 <ke4grp@...>
Sent: Thursday, August 26, 2010 4:37
To: FT897@yahoogroups.com
Subject: [FT897] Loose tuning knob

I have an extremely loose main tuning knob, meaning it wobbles on the shaft I understand that there is a hex screw under the rubber, but I am not sure how to get to it. Any help?

Thanks
Chuck
K4grp

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[The entire original message is not included]

[Non-text portions of this message have been removed]

31019. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-26 17:33:03 UTC
From: Charles Scott
Topic: 30953 Message: 31019

Ken:

Yes, they all do have microprocessors in them, but that's considerably different from a computer with an operating system and drives. Even in those cases the only damage should be minor issues with incomplete disk writes and not actual physical damage to the equipment. Dedicated microprocessors are often expected to see power disappear at any time and are coded to ensure that this doesn't cause problems. In fact, circuits that route power to microprocessors are often simply switched.

Looking at the FT-897 drawings, it looks like power to the microprocessor and associated circuitry is simply switched by a device off of the 13.8 V bus and there's of course a regulator and considerable power-up control circuitry and filtering. On the PA board there's good input power filtering and both switched and unswitched 13.8 V busses and several devices that detect DC input power. It's clear they were anticipating a possible loss of DC. So far I'm seeing nothing that would be a problem, but again if you find anything let me know.

I'd also suggest that there's considerable experience with low-voltage conditions as many 897 owners have run their rigs off of battery power, both internal and external, including myself. Never have I heard of a depleted battery condition damaging one of these radios.

What I'm getting at here is that it's common to simply switch station power on and off to power up and down a complete station. This is a normal and good thing to consider doing, both in mobile and fixed installations. I've never heard of any such cautions about power with communications equipment in the many years I've been in communications of various sorts. Frankly, if we listed to all of the odd thoughts of "Elmers" in this hobby we'd be shaking chicken legs before every transmission. (sorry)

Chuck - N8DNX

On 8/26/2010 12:48 PM, Ken Bandy wrote:
> Chuck, just remember that the line between "communications gear" and
> "computers" is pretty fuzzy any more. I would venture to say that it's hard
> to find any modern ham gear that doesn't have a fair amount of
> microprocessor circuitry in it, not the least of which would be the FT897,
> to which this list is devoted.
>
> 73,
> Ken
> KJ9B

31020. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 18:32:41 UTC
From: Carl Wulfestieg
Topic: 31010 Message: 31020

It was designed that way on purpose. When any of the knobs gets a substantial "bang" sideways, the shaft breaks. That way, the component (which is expensive) on the PC board is protected from damage. New shafts are available from Yaesu and are relatively inexpensive. I've been very careful, and it hasn't happened to me - so I don't know from experience - but that's the story I've heard.
88 Carl WZ4CW

[Non-text portions of this message have been removed]

31021. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 21:15:16 UTC
From: Ke4grp
Topic: 31010 Message: 31021

Thanks, Mike. I got it off and twisted the spring and it is solid now. Amazingly, nothing brook, even though we were in one heck of an accident in AZ, which threw the radio into the dashboard. Probably what made it loose in the first place.

-----Original Message-----
From: Michael Hughey <rsq14emt@...>
To: FT897@yahoogroups.com
Sent: Thu, Aug 26, 2010 1:14 pm
Subject: RE: [FT897] Loose tuning knob

The rubber peels off easily, like a rubber band. I have an even worse problem. My knob got bumped while inside a scooter trunk and broke the PLASTIC shaft of what I think is a sort of varister behind the front panel. I glued it back together with Gorilla Super Glue and it held for awhile. My selector switch also came off. I'm going to have to order a new varister for the main tuning knob from Yaesu. Why they decided that a plastic, threaded part would go well with a heavy metal shaft would be a good idea, I'll never figure out.

Mike KF4DUS

-----Original Message-----
From: chuckschott727 <ke4grp@...>
Sent: Thursday, August 26, 2010 4:37
To: FT897@yahoogroups.com
Subject: [FT897] Loose tuning knob

I have an extremely loose main tuning knob, meaning it wobbles on the shaft I understand that there is a hex screw under the rubber, but I am not sure how to get to it. Any help?

Thanks
Chuck
K4grp

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31022. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-08-26 21:18:05 UTC
From: Ke4grp
Topic: 31010 Message: 31022

I have been lucky too. but don't want to have to break anything on my backup radio while my main rig is in the shop, hi.

-----Original Message-----
From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Thu, Aug 26, 2010 2:32 pm
Subject: Re: [FT897] Loose tuning knob

It was designed that way on purpose. When any of the knobs gets a substantial "bang" sideways, the shaft breaks. That way, the component (which is expensive) on the PC board is protected from damage. New shafts are available from Yaesu and are relatively inexpensive. I've been very careful, and it hasn't happened to me - so I don't know from experience - but that's the story I've heard.
88 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31023. RE: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-26 21:33:08 UTC
From: Rick Johnson
Topic: 30953 Message: 31023

From the FT897D manual:
2. To turn the transceiver off, turn off the POWER switchon the FT-897D before turning off the POWER switchon the FP-30.
Rick W3BI
To: FT897@yahoogroups.com
From: cscott@...
Date: Thu, 26 Aug 2010 12:22:47 -0400
Subject: Re: [FT897] Re: Power Supply Switch

Darin:

I appreciate your perspective and as far as I'm concerned people should

do whatever makes them feel good. However, there's a significant

difference between communications gear and some other types of

electronics, such as computers. In general though, if things tended to

break when there's a power outage, we'd have some major class action

lawsuits.

In the case of communications equipment, it's common for them to have

power dropped without first using the power switch on the radio, either

by disconnecting a cable or by turning off power supplies. As I've asked

before, if someone can find a reason that some piece of communications

equipment would have a problem with that (a specific case), I'd be real

interested in hearing about it.

Chuck

On 8/26/2010 8:29 AM, ve3oij wrote:

> Then you've been much luckier than you might believe. As a former TV repairer, comms equipment maintenance officer in the military, computer geek of 30 years and radio amateur for just shy of 20, I can honestly say I have seen many tens of thousands of dollars of equipment damaged by being shut off at the power supply or unplugged without being shut off at its power switch first.

>

> In recent years the tendency has been less toward hard damage and more toward scrambling of computer brains as a result of improper shutoff. But over all that time, I've seen lots

of exploded equipment that couldn't handle the surge of suddenly being stuck on the electrical grid.

>

> Anything with a computer in it can have that memory scrambled, for example, so even if you don't explode the equipment, you may cause it to lose its programming or slightly alter that programming in unusual ways when that initial spike of voltage hits it, or when the weird decaying shutdown voltage occurs. This is the most common issue I've seen in recent years with amateur radio gear and power-supply cutoff. I've specifically seen this happen on my own FT-897, and have had to hard reset it once as a result.

>

> It's definitely less risky than lightning, but the risk is far from zero.

>

> 73 de VE3OIJ

> -Darin

[Non-text portions of this message have been removed]

31024. Re: [FT897] Re: flashing display

Yahoo group: FT897 (2010)
Date: 2010-08-27 07:21:05 UTC
From: Bryce Anderson
Topic: 30972 Message: 31024

I have two FT-897Ds and I leave the cables plugged into the radios all the time.
One is a serial cable and the other a USB.
The USB is always plugged into a computer and the serial is not
I have never had a problem with either radio

On Mon, Aug 23, 2010 at 12:43 AM, Dave Nelson
<dave.nelson@optusnet.com.au>wrote:

>
>
>
> I would hope that you dont keep the programming cable in all the time ???
>
> you should be doing your programming and then removing the cable
> else that interface cable could well be causing your probs cuz the radio
> thinks
> you want to go into programming mode
> DONT leave it permanently plugged in :)
>
> Dave
> VK2TDN
>
> At 07:52 AM 23/08/2010, you wrote:
> >7. Flashing Display FT-897
> > Posted by: "Frank" fstatham@... <fstatham%40gmail.com> fws781
> > Date: Sun Aug 22, 2010 9:43 am ((PDT))
> >
> >Hi Guys:
> > I've got a new FT897 s/n 0G.... (May 2010) a few days ago. I don't
> > know if it is my fat fingers running an unfamiliar radio or what, but
> > often when I turn it on, the display flashes on most bands--everything
> > but the S meter bar & legend. I've done the ugly reset (home & power) to
> > no effect.
> >
> > Is there a menu item I've inadvertently poked?
> >
> > So far I've found unplugging the RT Systems programming cable does
> > the trick, just why I don't know.
> >
> > Anyone else seen this little problem?
> >
> > 73's ---Frank--- VE7VAZ
> >
> >
> >

>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

31025. Smart Batt Charger

Yahoo group: FT897 (2010)
Date: 2010-08-27 09:42:14 UTC
From: MM Ali
Topic: 31025 Message: 31025

Hi,

Am looking for a circuit diagram for a smart battery charger.
Fast-charge-on-low-voltage and slow-charge-on-charged-battery. The values being programmable. Preferably PIC based.

I believe one was published in QST Magazine some time back.

Any help will be highly appreciated.

mm ali
vu2ali

31026. Re: [FT897] 2 meter squelch.

Yahoo group: FT897 (2010)
Date: 2010-08-23 15:56:14 UTC
From: Paul Kaiser
Topic: 30953 Message: 31026

Philip..
 The problem is ok, Now I cannot get the squelch to work on 2 meter, can you hepl??
Thank you paul.
--- On Mon, 8/23/10, BILLY ROSE <raynet20012000@...> wrote:

From: BILLY ROSE <raynet20012000@....uk>
Subject: Re: [FT897] Power Supply Switch
To: FT897@yahoogroups.com
Date: Monday, August 23, 2010, 1:56 PM

Hi Philip
one always power down the radio before the external power down and the reverse to power up as you mentioned in your question always do it this way
              73 Billy 2E1AXL UK
--- On Sun, 22/8/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Power Supply Switch
To: FT897@yahoogroups.com
Date: Sunday, 22 August, 2010, 18:06

With the 8900 plugged into a regulated power supply or wired to the car... Is it safe to simply turn off the power supply or car to shut down the radio and turn on the power supply or car on (with approh appropriate surge protected autoswitch from anderson).

Or MUST one always power down the radio before the external power down and the reverse to power up.

I am concerned that my kids may forget and simply turn off the source power.

TNX 73, Phillip N8AYE
-.-. --.- -.. . .--- -.-. ....- -.-- --- ..-

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31027. High QRN/M levels

Yahoo group: FT897 (2010)
Date: 2010-08-22 22:50:06 UTC
From: pp2kja
Topic: 31027 Message: 31027

Dear

I'm an onwer of a FT897D. For now I'm getting high levels of noise about S7-9 on all HF bands plus 6 meters. No matter what of DSP combinations I'm using.

I've tested it with a swchited power supply and a linear one with no goods results. Could somebody explain or give me a tip to make it work as a normal HF radio in terms of excessive noise?

Thank you
Kleibe
PP2XX

31028. Re: [FT897] New FT-897D, need antenna ideas

Yahoo group: FT897 (2010)
Date: 2010-08-24 01:30:25 UTC
From: Michael
Topic: 30937 Message: 31028

Check out the MP-1 at http://www.superantennas.com/ Nice little antenna and half the cost of the Yaesu model. HRO has them for 99 bucks!

Michael
kf6wtc

From: Kim Scheidel
Sent: Monday, August 23, 2010 4:44 PM
To: FT897@yahoogroups.com
Subject: [FT897] New FT-897D, need antenna ideas

With the FT-897D I wanted something portable. I went with the Ventenna Companies HFp http://www.ventenna.com/ . I can take it along just about any where. When I take the motor home out, it comes along with the FT-897D. When we get to where we are camping I set up the HFp. I purchased the vertical first and added the dipole kit later. I like to use the dipole on my patio. I put the painters pole in an old umbrella stand and set up the HFp from 6-20M.

A local club here in Sacramento had the Ventenna Co. do a presentation last week. They had a vertical one set up on 40M. First contact was on CW to Mt Vernon, Virginia. They had a 20M dipole set up and heard both U.S. stations and Australian stations. They tried to make contact on 20 meters but ended up having a bad connector on one end of the coax. I have used the 20m dipole with good success.

You can check out reviews on e-ham for all antennas. Here is the link for HFp reviews. http://www.eham.net/reviews/detail/2737

Kim KE6RKX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31029. FT-897D transverter mode ..

Yahoo group: FT897 (2010)
Date: 2010-08-25 01:41:10 UTC
From: pscyclone
Topic: 31029 Message: 31029

Hello all - I just noticed a couple of menu settings in the manual that appear to allow the 897d to be used as the IF for a transverter. I'm very interested in learning more about this but have so far come up with very little in the way of a 'how to' or if it's even a very good idea to take Yaesu up on this feature. Specifically, I'm interested in 1.25m transvering and the 23cm and 13cm bands.

Any help?

73 de WL7COL

31030. Color Display Settings

Yahoo group: FT897 (2010)
Date: 2010-08-25 03:38:24 UTC
From: kf6wtc
Topic: 31030 Message: 31030

Hello. I am a new FT-897d owner. I've pretty much have learned everything there is to know about the settings menu on this radio. One snag I have run into is on the display menu No 41. This setting is default on FIX:. The instructions say to press the MEM/VFO knob in to have it selected the "FIX" portion of the setting. Then rotate the VFO knob to change from FIX: to the option I want. Well I want MTR:. So I rotate the VFO knob to MTR:. Then I press the MEM/VFO knob in again and it goes back to the number selection again. At this point I rotate the VFO knob again and it changes from 1, or 2, but that's it. Am I miss understanding the instructions when I think it tells me I can choose what colors I want, or am I just stuck with the colors that show up when I either use selection 1, or 2? I can't seem to figure out how to choose from the 30 something colors that are available in the FIX: option.

Basically I am trying to set the radio up in the MTR: setting to show blue on receive, but change to red when I tx.

Thanks in advance!

Michael
kf6wtc

31031. Re: [FT897] 2 meter squelch.

Yahoo group: FT897 (2010)
Date: 2010-08-27 10:36:24 UTC
From: Joe
Topic: 30953 Message: 31031

Menu 80 is set to RF gain. (Menu 80 set the squelch control to squelch or RF gain..it can't be both at the same time)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Paul Kaiser" <paulkaiser41@...>
Subject: Re: [FT897] 2 meter squelch.

Philip..
The problem is ok, Now I cannot get the squelch to work on 2 meter, can you hepl??
Thank you paul.

31032. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 11:32:51 UTC
From: ve3oij
Topic: 30953 Message: 31032

Evidently you missed something in my original message, so I'll quote it here. The last sentence is the relevant bit:

> > Anything with a computer in it can have that memory scrambled,
> >for example, so even if you don't explode the equipment, you may
> >cause it to lose its programming or slightly alter that
> >programming in unusual ways when that initial spike of voltage
> >hits it, or when the weird decaying shutdown voltage occurs.
> >This is the most common issue I've seen in recent years with
> >amateur radio gear and power-supply cutoff. I've specifically
> >seen this happen on my own FT-897, and have had to hard reset it
> >once as a result.

However, since you asked:

- I have seen dozens of computers in varying states of disrepair as a direct result of power-cycling by breaker or unplugging
- I have seen televisions actually explode and fry from that kind of power cycling. In fact, the last device to do this was a monitor on my desk at work a few years ago. Workers playing with the power for some other thing, my monitor plugged in and on while this was happening, bang!
- As noted, my own radio has been scrambled requiring a reset by power cycling at the supply while the radio was on. This has also occurred on my FT-847, my Kenwood D-700, my Kenwood D-710, and my old Kenwood TM-732. The last three are/were in the car.
- I volunteer at the Canada Museum of Science and Technology amateur radio exhibit. I've seen the Icom 880 weird out due to shutting off at the breaker, and we've only had it for a few months.

For reasons, I can only conjecture. In the case of computers, I suspect it has something to do with voltage spikes when the power is reapplied.

For the scrambling memory and programming, I would guess that the decaying voltage while the device is still running can hit a point where some of the internal processors recognizes the state one way, while other processors recognize it another way. In effect, the device gets confused.

It doesn't happen all the time. It doesn't even happen often on any given piece of equipment, but it seems to be unpleasant enough that I make an effort to avoid the situation.

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:

> before, if someone can find a reason that some piece of communications
> equipment would have a problem with that (a specific case), I'd be real
> interested in hearing about it.

31033. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 12:36:06 UTC
From: g8hul
Topic: 30953 Message: 31033

> - I have seen dozens of computers in varying states of disrepair as a direct result of power-cycling by breaker or unplugging
> - I have seen televisions actually explode and fry from that kind of power cycling. In fact, the last device to do this was a monitor on my desk at work a few years ago. Workers playing with the power for some other thing, my monitor plugged in and on while this was happening, bang!
> - As noted, my own radio has been scrambled requiring a reset by power cycling at the supply while the radio was on. This has also occurred on my FT-847, my Kenwood D-700, my Kenwood D-710, and my old Kenwood TM-732. The last three are/were in the car.
> - I volunteer at the Canada Museum of Science and Technology amateur radio exhibit. I've seen the Icom 880 weird out due to shutting off at the breaker, and we've only had it for a few months.
>
> For reasons, I can only conjecture. In the case of computers, I suspect it has something to do with voltage spikes when the power is reapplied.
>
> For the scrambling memory and programming, I would guess that the decaying voltage while the device is still running can hit a point where some of the internal processors recognizes the state one way, while other processors recognize it another way. In effect, the device gets confused.
>

Unfortunately most of what you say makes very little sense.

For example a lot of TVs have mains switches that just interupt the mains supply, so what is different to switching the 'breaker'?

Computer supplies are never actually off until the mains is removed, so re-applying the mains is normal operation!!

Ture there can be ill effects if the mains is suddenly removed but that is usually down to file corruption if a disk write was in progress when the power dies.

U think that there is a lot of scare mongering goping on here, most of which has little basis in fact.

Regards
Jeff

31034. Re: [FT897] High QRN/M levels

Yahoo group: FT897 (2010)
Date: 2010-08-27 13:07:59 UTC
From: jsilberman
Topic: 31027 Message: 31034

Try it without an antenna, no noise? Then it's outside the radio

Try it on battery only, clean DC. See if the noise goes away.

GL John KB4CRT

pp2kja wrote:
>
>
> Dear
>
> I'm an onwer of a FT897D. For now I'm getting high levels of noise
> about S7-9 on all HF bands plus 6 meters. No matter what of DSP
> combinations I'm using.
>
> I've tested it with a swchited power supply and a linear one with no
> goods results. Could somebody explain or give me a tip to make it work
> as a normal HF radio in terms of excessive noise?
>
> Thank you
> Kleibe
> PP2XX
>
>
>

[Non-text portions of this message have been removed]

31035. RE: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 13:27:05 UTC
From: Ted Wrobel
Topic: 30953 Message: 31035

Actually what he says makes complete sense. The power down sequence for many electronic devices is of some importance. I too have seen my FT-897D require a reset after an accidental power loss and have also seen one 'scramble' when I kicked the power cable out of my 880.

While the consequence is unlikely to be permanent damage the need to reset and reprogram something like the 880 while operating mobile is quite a chore. Certainly there is little reason to risk the potential aggravation - just pay a little attention to what you are doing.

All that said, we all connect our mobiles directly to the battery like the manufacturers specify, don't we? I mean, do you think they just needed to fill up a few more pages of the manual?

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of g8hul
Sent: Friday, August 27, 2010 08:36
To: FT897@yahoogroups.com
Subject: [FT897] Re: Power Supply Switch

> - I have seen dozens of computers in varying states of disrepair as a direct result of power-cycling by breaker or unplugging
> - I have seen televisions actually explode and fry from that kind of power cycling. In fact, the last device to do this was a monitor on my desk at work a few years ago. Workers playing with the power for some other thing, my monitor plugged in and on while this was happening, bang!
> - As noted, my own radio has been scrambled requiring a reset by power cycling at the supply while the radio was on. This has also occurred on my FT-847, my Kenwood D-700, my Kenwood D-710, and my old Kenwood TM-732. The last three are/were in the car.
> - I volunteer at the Canada Museum of Science and Technology amateur radio exhibit. I've seen the Icom 880 weird out due to shutting off at the breaker, and we've only had it for a few months.
>
> For reasons, I can only conjecture. In the case of computers, I suspect it has something to do with voltage spikes when the power is reapplied.
>
> For the scrambling memory and programming, I would guess that the decaying voltage while the device is still running can hit a point where some of the internal processors recognizes the state one way, while other processors

recognize it another way. In effect, the device gets confused.
>

Unfortunately most of what you say makes very little sense.

For example a lot of TVs have mains switches that just interupt the mains supply, so what is different to switching the 'breaker'?

Computer supplies are never actually off until the mains is removed, so re-applying the mains is normal operation!!

Ture there can be ill effects if the mains is suddenly removed but that is usually down to file corruption if a disk write was in progress when the power dies.

U think that there is a lot of scare mongering goping on here, most of which has little basis in fact.

Regards
Jeff

[Non-text portions of this message have been removed]

31036. Re: [FT897] High QRN/M levels

Yahoo group: FT897 (2010)
Date: 2010-08-27 14:01:10 UTC
From: Noel Zeibari
Topic: 31027 Message: 31036

John, All

I live in an Urban area, I tried my FT-897D with my three Antennas:
R-5 Vertical very noisy S7 level on all bands.
The two element beam (ButterNut)noise level S meter 0
Inverted Dipole for 80-40m noise level S meter 0
I still hear the atmospheric noise depending on propagation conditions
with no reading on the S meter for the Beam and the Dipole antennas.

Noel (OM) N3NZ

----- Original Message -----
From: jsilberman
To: FT897@yahoogroups.com
Sent: Friday, August 27, 2010 9:07 AM
Subject: Re: [FT897] High QRN/M levels

Try it without an antenna, no noise? Then it's outside the radio

Try it on battery only, clean DC. See if the noise goes away.

GL John KB4CRT

pp2kja wrote:
>
>
> Dear
>
> I'm an onwer of a FT897D. For now I'm getting high levels of noise
> about S7-9 on all HF bands plus 6 meters. No matter what of DSP
> combinations I'm using.
>
> I've tested it with a swchited power supply and a linear one with no
> goods results. Could somebody explain or give me a tip to make it work
> as a normal HF radio in terms of excessive noise?
>
> Thank you
> Kleibe
> PP2XX
>
>
>

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[Non-text portions of this message have been removed]

31037. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 14:28:06 UTC
From: Charles Scott
Topic: 30953 Message: 31037

Ted:

Yep, always connect my radio equipment to the battery, but switch it through a 50 Amp relay so it goes off with the acc line. I frankly think there's more likely trouble from forgetting to turn off a radio and not being able to start your car (or damage your battery) than dropping power to your radios.

As to the other electronics, I think most of the rhetorical information about failing electronics, particularly computers and TVs, is due to the bad capacitor chemistry fiasco of the 90's that's still plaguing equipment today. I also have not made any reference to a situation where someone is intentionally or otherwise rapidly switching power on and off as has been implied as a source of possible damage. That is clearly not a good thing to do.

In any case, I think this has all run it's course. Again, do whatever makes you feel good.

Chuck - N8DNX

On 8/27/2010 9:27 AM, Ted Wrobel wrote:
> ...
> All that said, we all connect our mobiles directly to the battery like the
> manufacturers specify, don't we? I mean, do you think they just needed to
> fill up a few more pages of the manual?

31038. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 16:59:29 UTC
From: DALE
Topic: 30953 Message: 31038

I do not have any problem with anything. I switch whichever, whatever I want. Some are just unplugged from the Power pole. Others be the ign. switch.
Some one is very unlucky or doing something wrong.
I went to school to learn how to put the smoke back in so I don't worry about it.
I have noticed that electronics theory is different between formal training and hear say learning.
dale

----- Original Message -----
From: "g8hul" <g8hul@hotmail.co.uk>
To: FT897@yahoogroups.com
Sent: Friday, August 27, 2010 5:36:06 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: Power Supply Switch

> - I have seen dozens of computers in varying states of disrepair as a direct result of power-cycling by breaker or unplugging
> - I have seen televisions actually explode and fry from that kind of power cycling. In fact, the last device to do this was a monitor on my desk at work a few years ago. Workers playing with the power for some other thing, my monitor plugged in and on while this was happening, bang!
> - As noted, my own radio has been scrambled requiring a reset by power cycling at the supply while the radio was on. This has also occurred on my FT-847, my Kenwood D-700, my Kenwood D-710, and my old Kenwood TM-732. The last three are/were in the car.
> - I volunteer at the Canada Museum of Science and Technology amateur radio exhibit. I've seen the Icom 880 weird out due to shutting off at the breaker, and we've only had it for a few months.
>
> For reasons, I can only conjecture. In the case of computers, I suspect it has something to do with voltage spikes when the power is reapplied.
>
> For the scrambling memory and programming, I would guess that the decaying voltage while the device is still running can hit a point where some of the internal processors recognizes the state one way, while other processors recognize it another way. In effect, the device gets confused.
>

Unfortunately most of what you say makes very little sense.

For example a lot of TVs have mains switches that just interupt the mains supply, so what is different to switching the 'breaker'?

Computer supplies are never actually off until the mains is removed, so re-applying the mains is normal operation!!

Ture there can be ill effects if the mains is suddenly removed but that is usually down to file corruption if a disk write was in progress when the power dies.

U think that there is a lot of scare mongering goping on here, most of which has little basis in fact.

Regards
Jeff

[Non-text portions of this message have been removed]

31039. Re: [FT897] High QRN/M levels

Yahoo group: FT897 (2010)
Date: 2010-08-27 17:01:15 UTC
From: DALE
Topic: 31027 Message: 31039

Some live in high noise area. I did for years.
dale

----- Original Message -----
From: "jsilberman" <jpsradio@...>
To: FT897@yahoogroups.com
Sent: Friday, August 27, 2010 6:07:59 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] High QRN/M levels

Try it without an antenna, no noise? Then it's outside the radio

Try it on battery only, clean DC. See if the noise goes away.

GL John KB4CRT

pp2kja wrote:
>
>
> Dear
>
> I'm an onwer of a FT897D. For now I'm getting high levels of noise
> about S7-9 on all HF bands plus 6 meters. No matter what of DSP
> combinations I'm using.
>
> I've tested it with a swchited power supply and a linear one with no
> goods results. Could somebody explain or give me a tip to make it work
> as a normal HF radio in terms of excessive noise?
>
> Thank you
> Kleibe
> PP2XX
>
>
>

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[Non-text portions of this message have been removed]

31040. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 17:14:10 UTC
From: Dean Gibson AE7Q
Topic: 30953 Message: 31040

On 2010-08-27 07:28, Charles Scott wrote:
> Yep, always connect my radio equipment to the battery, but switch it
> through a 50 Amp relay so it goes off with the acc line. I frankly think
> there's more likely trouble from forgetting to turn off a radio and not
> being able to start your car ...

Rather than connect my radio directly to the battery, I found a spare (unswitched) slot in the car's fuse block (under the dashboard) and installed another ATC fuse there, and then ran power from there (both leads) to the radio in the rear of the car. I'm curious as to what you think of that? I like it very much because I think it's a cleaner and easier installation, and the fuse is out of the engine compartment.

As for having the radio unswitched (by the ignition) and accidentally leaving it on, most radios these days have a "no operation" timeout that you can set. Not setting that on an unswitched radio is asking for a dead battery.

31041. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 18:41:57 UTC
From: Charles Scott
Topic: 30953 Message: 31041

Dean:

It all depends on what you get out of that fuse block terminal. If it's tied to a good high-current line and there's minimal voltage drop under load (while transmitting) it may very well work fine. The only concern other than that might be the total current the line feeding that terminal is handling and weather it's still within a good working range for the gauge and the terminals supplying it. You certainly don't want to start heating wires or connectors in your car's harnesses. If you can determine all of this, and the radio is happy with it, why not.

When you say "both leads" are you saying that you're running both battery power and ground from the area of the ATC fuse to where the radio is located? If that's what you mean, consider that there's two implications of this. One is that if you have no other grounds tied to the radio (antenna ground or radio mounting) that your total voltage drop to the radio is the sum of the drop on both the plus and ground leads. If you do have other grounds tied to the radio, be sure you're not encouraging other vehicle ground currents to follow your power ground lead. In most cases that's not much of a concern because the vehicle chassis is a pretty good conductor, but there are scenarios where that can happen (i.e. tying the power lead black to an engine ground and then having an engine ground strap probelm--start car, lots of current--not a good thing to happen).

Yes, many radios do have automatic time-out functions. The problem with that is that they don't come back on automatically when you get back in the car and start it. This is actually one of my worst problems with radios that aren't switched automatically--I forget to turn them on and miss important radio traffic.

Other types of installs I've done in various vehicles have included a secondary battery near where the radio body is located. If you have space and need a bit more current (running an amplifier or something) it's a good way to go. When I've done this I've run a charge controller that manages charge on the secondary battery, but that won't allow the starting battery to be drained by the radios. It's a great way to go, but again you can damage the secondary battery if you forget to switch the radios off so a relay is still a good idea.

Chuck - N8DNX

On 8/27/2010 1:14 PM, Dean Gibson AE7Q wrote:
Rather than connect my radio directly to the battery, I found a spare (unswitched) slot in the car's fuse block (under the dashboard) and installed another ATC fuse there, and then ran power from there (both

leads) to the radio in the rear of the car. I'm curious as to what you think of that? I like it very much because I think it's a cleaner and easier installation, and the fuse is out of the engine compartment.

As for having the radio unswitched (by the ignition) and accidentally leaving it on, most radios these days have a "no operation" timeout that you can set. Not setting that on an unswitched radio is asking for a dead battery.

31042. Re: [FT897] Color Display Settings

Yahoo group: FT897 (2010)
Date: 2010-08-27 18:51:04 UTC
From: Dennis
Topic: 31030 Message: 31042

It won't work that way. The color selection is only for the
background color. You CAN, however, select a different color for
different bands and have that saved so when you change bands you will
have a different color to indicate such without having to look at the
frequency that is displayed.

Would be nice to do what you suggested, but it wasn't designed that way!

On 08/24/2010 22:38, kf6wtc wrote:
>
> Hello. I am a new FT-897d owner. I've pretty much have learned
> everything there is to know about the settings menu on this radio. One
> snag I have run into is on the display menu No 41. This setting is
> default on FIX:. The instructions say to press the MEM/VFO knob in to
> have it selected the "FIX" portion of the setting. Then rotate the VFO
> knob to change from FIX: to the option I want. Well I want MTR:. So I
> rotate the VFO knob to MTR:. Then I press the MEM/VFO knob in again
> and it goes back to the number selection again. At this point I rotate
> the VFO knob again and it changes from 1, or 2, but that's it. Am I
> miss understanding the instructions when I think it tells me I can
> choose what colors I want, or am I just stuck with the colors that
> show up when I either use selection 1, or 2? I can't seem to figure
> out how to choose from the 30 something colors that are available in
> the FIX: option.
>
> Basically I am trying to set the radio up in the MTR: setting to show
> blue on receive, but change to red when I tx.
>
> Thanks in advance!
>
> Michael
> kf6wtc
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

31043. Re: [FT897] Color Display Settings

Yahoo group: FT897 (2010)
Date: 2010-08-27 19:10:49 UTC
From: Dean Gibson AE7Q
Topic: 31030 Message: 31043

See my http://www.ae7q.net/doc/public/FT-897D.php

Note that selecting a color is a little confusing; you have to press
the MEM/VFO knob to make a secondary selection of color.

On 2010-08-27 11:51, Dennis wrote:
> It won't work that way. The color selection is only for the
> background color. You CAN, however, select a different color for
> different bands and have that saved so when you change bands you will
> have a different color to indicate such without having to look at the
> frequency that is displayed.
>
> Would be nice to do what you suggested, but it wasn't designed that way!
>
>

31044. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 20:15:46 UTC
From: Dean Gibson AE7Q
Topic: 30953 Message: 31044

Thanks for the detailed response! Replies interspersed below ...

On 2010-08-27 11:41, Charles Scott wrote:
> Dean:
>
> It all depends on what you get out of that fuse block terminal. If it's tied to a good high-current line and there's minimal voltage drop under load (while transmitting) it may very well work fine. The only concern other than that might be the total current the line feeding that terminal is handling and whether it's still within a good working range for the gauge and the terminals supplying it.

Well, there are whole bunch of other fuses in the fuse block:

6x 5A
10x 10A
8x 15A
5x 20A
2x 25A
2x 30A

So, while I realize that not all of those fused components are drawing significant current at the same time, I'm hazarding a guess that the feed to the fuse block is adequate ! The power run from the fuse block to the rear of the car is as short as possible (about 6ft), and is 10 gauge. The drop at the radio when I transmit with the engine running is from 13.9v to 13.2v.

Note that the radio is an Icom IC-2820H, with a 50W FM transmitter (rated xmit current draw is 13A). My FT-897D is in the house !

> When you say "both leads" are you saying that you're running both battery power and ground from the area of the ATC fuse to where the radio is located?

Yes, to a electrical ground point on the car frame where other electrical items are grounded (like the car radio). I considered running the power ground from the radio to a grounding point in the rear for slightly less voltage drop, but liked the "cleanliness" of my present arraignment, and considered it might be less of a source of noise problems.

> ... If you do have other grounds tied to the radio, be sure you're not encouraging other vehicle ground currents to follow your power ground lead. In most cases that's not much of a concern because the vehicle chassis is a pretty good conductor, but there are scenarios where that can happen (i.e. tying the power lead black to an engine ground and then having an engine ground strap problem--start car, lots of current--not a good thing to happen).
>

I'm well aware of the problem of providing an alternate ground path to
the battery, and it's one of the reasons that I'm not in favor of
connecting the ground lead to the battery. If the connection from the
battery to the frame is inadequate, that needs to be fixed for a bunch
of reasons.

> ... [Radio timeouts are] actually one of my worst problems with radios that aren't
switched automatically--I forget to turn them on and miss important radio traffic.
>

For me, there is no such thing as "important radio traffic", when I'm
home or in my car. In an airplane, that's another matter, but turning
the radio on is pretty hard to forget !

> Other types of installs I've done in various vehicles have included a secondary battery
near where the radio body is located.

In the rear of the car where the radio is mounted, I also have connected
an old Tripp-Lite 500W inverter/charger, which I plug in and run in
charging mode whenever I'm testing the radio without the engine
running. It will also charge the car battery pretty quickly if necessary.

31045. No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-27 20:25:49 UTC
From: chuckschott727
Topic: 31045 Message: 31045

I usually use the CW mode to tune the tuner, amp, etc. As luck would have it,my main rig is in the shop due to the sideband going south. I use the FT 897 as a backup rig, and sure enough, there is no CW tone when I turn over to CW and hit the mic key.

Anyone else have this problem?

Thanks
Chuck
Ke4grp

31046. Re: [FT897] Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-27 20:42:49 UTC
From: DALE
Topic: 30953 Message: 31046

Many trucks and vans come with a trailer harness installed and a trailer brake harness under the dash
to hook up a brake unit.
On my Dodge it comes straight from the battery thru a 40 amp fuse in the engine compartment and into the cab.
A brake control cable plugs into a plug under the dash. The pigtails are available to power my radios.
The harness continues to the rear hitch. Power is also available there.
Dale

----- Original Message -----
From: "Charles Scott" <cscott@...>
To: FT897@yahoogroups.com
Sent: Friday, August 27, 2010 11:41:57 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Re: Power Supply Switch

Dean:

It all depends on what you get out of that fuse block terminal. If it's tied to a good high-current line and there's minimal voltage drop under load (while transmitting) it may very well work fine. The only concern other than that might be the total current the line feeding that terminal is handling and weather it's still within a good working range for the gauge and the terminals supplying it. You certainly don't want to start heating wires or connectors in your car's harnesses. If you can determine all of this, and the radio is happy with it, why not.

When you say "both leads" are you saying that you're running both battery power and ground from the area of the ATC fuse to where the radio is located? If that's what you mean, consider that there's two implications of this. One is that if you have no other grounds tied to the radio (antenna ground or radio mounting) that your total voltage drop to the radio is the sum of the drop on both the plus and ground leads. If you do have other grounds tied to the radio, be sure you're not encouraging other vehicle ground currents to follow your power ground lead. In most cases that's not much of a concern because the vehicle chassis is a pretty good conductor, but there are scenarios where that can happen (i.e. tying the power lead black to an engine ground and then having an engine ground strap probelm--start car, lots of current--not a good thing to happen).

Yes, many radios do have automatic time-out functions. The problem with that is that they don't come back on automatically when you get back in the car and start it. This is actually one of my worst problems with radios that aren't switched automatically--I forget to turn them on and miss important radio traffic.

Other types of installs I've done in various vehicles have included a secondary battery near where the radio body is located. If you have space and need a bit more current (running an amplifier or something) it's a good way to go. When I've done this I've run a charge controller that manages charge on the secondary battery, but that won't allow the starting battery to be drained by the radios. It's a great way to go, but again you can damage the secondary battery if you forget to switch the radios off so a relay is still a good idea.

Chuck - N8DNX

On 8/27/2010 1:14 PM, Dean Gibson AE7Q wrote:
Rather than connect my radio directly to the battery, I found a spare (unswitched) slot in the car's fuse block (under the dashboard) and installed another ATC fuse there, and then ran power from there (both leads) to the radio in the rear of the car. I'm curious as to what you think of that? I like it very much because I think it's a cleaner and easier installation, and the fuse is out of the engine compartment.

As for having the radio unswitched (by the ignition) and accidentally leaving it on, most radios these days have a "no operation" timeout that you can set. Not setting that on an unswitched radio is asking for a dead battery.

[Non-text portions of this message have been removed]

31047. Re: [FT897] No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-27 20:45:33 UTC
From: Carl Wulfestieg
Topic: 31045 Message: 31047

Chuck-
What happens when you hit the key plugged into the back of the FT-897??
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31048. Re: [FT897] No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-28 01:31:08 UTC
From: Michael Hughey
Topic: 31045 Message: 31048

The mic is not supposed to work in cw unless you change the main menu item from normal to MICKEY and then the up/down keys act as a paddle does, otherwise you need to plug in a straight key in the back of the rig or tune in AM and use the mic's ptt.

Mike-KF4DUS

From: chuckschott727 <ke4grp@...>
To: FT897@yahoogroups.com
Sent: Fri, August 27, 2010 2:25:49 PM
Subject: [FT897] No CW tone when I tune

I usually use the CW mode to tune the tuner, amp, etc. As luck would have it,my main rig is in the shop due to the sideband going south. I use the FT 897 as a backup rig, and sure enough, there is no CW tone when I turn over to CW and hit the mic key.

Anyone else have this problem?

Thanks
Chuck
Ke4grp

[Non-text portions of this message have been removed]

31049. Re: [FT897] S8 when connected to Laptop

Yahoo group: FT897 (2010)
Date: 2010-08-28 07:30:34 UTC
From: skippy in space
Topic: 29597 Message: 31049

All,
finnaly got back on the air and it looks as though its a power supply
probblem.
Any thoughts as my batteries dont last long on the lap top
Any thought on a net book replacement or a refurbished base unitought

Thanks

On Sat, Apr 3, 2010 at 5 AM, Richard Corfield <richard.corfield@...>wrote:

>
>
> I wonder if the laptop (or its serial adapter) disagrees with the radio as
> to what voltage earth is at. Does the problem go away when either
> (preferably the laptop) are on battery?
>
> - Richard
>
>
> On 3 April 2010 08:27, skippy_in_space <skippyinspace@...<skippyinspace%40gmail.com>>
> wrote:
>
> > >
> > >
> > > Have started to play with HRD with the FT897 through my laptop but when
> > > connected Background static goes from S0 to S6-8. What can I do to get it
> > > back to S0 (Its hard enough to make contacts with 50w)
> > >
> > > Equipment -
> > >
> > > Radio - FT897
> > > Computer - Rock laptop, plugged into mains, with a wifi connection
> > > Cable - Cat cable into a serial usb connector
> > > Software - HRD
> > > Antenna - MFJ Magloop and auto tuner
> > > Power - 50w
> > >
> > > Any suggestions, I am currently looking for a cheap / refurb / second
> > hand
> > > laptop / notebook for this opperation but it might be a few months before
> > I
> > > get funding, So I'm open to any suggestions for this as well.
> > >
> > > Thanks for your help
> > >
> > > 2M0BVN (Dont know why but when contesting I get M0BVN or 2M0BWN)

> >
> > Ian
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

31050. Re: Power Supply Switch

Yahoo group: FT897 (2010)
Date: 2010-08-28 11:45:49 UTC
From: ve3oij
Topic: 30953 Message: 31050

=== In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:

> For example a lot of TVs have mains switches that just interupt
> the mains supply, so what is different to switching the 'breaker'?
>
> Computer supplies are never actually off until the mains is
> removed, so re-applying the mains is normal operation!!
>

There is a huge difference in both those cases.

If the mains are left on, but the device's power switch is turned on/off, the voltage coming from the power supply is stable and correct.

If the power switch is left on and the breaker is cycled, the device is subject to the whim of the electricity that comes out of its power supply as the voltage builds in the transformer as electricity is applied. It's not instantaneously perfect. As you are certainly aware, this is not a polite ramp-up from zero but can be spiky and uncertain. The spikes can be quite large and can exceed the design limits for the internal circuitry on the device.

> Ture there can be ill effects if the mains is suddenly removed but
> that is usually down to file corruption if a disk write was in
> progress when the power dies.
>
> U think that there is a lot of scare mongering goping on here,
> most of which has little basis in fact.
>

Honestly, I don't think there's enough scare mongering on this matter. It's important to use a device as intended to ensure its long and proper functioning. Just because someone has found a way that works sometimes, even most of the time, doesn't mean it's a good idea.

73 de VE3OIJ
-Darin

31051. Re: [FT897] S8 when connected to Laptop

Yahoo group: FT897 (2010)
Date: 2010-08-28 16:21:13 UTC
From: DALE
Topic: 29597 Message: 31051

I use a HP net book with the large battery. I get long life and no noise.
Mostly I run it on AC or Solar unless portable or mobile.
On longer trips I run a DC to DC converter.
Dale

----- Original Message -----
From: "skippy in space" <skippyinspace@...>
To: FT897@yahoogroups.com
Sent: Saturday, August 28, 2010 12:30:34 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] S8 when connected to Laptop

All,
finnaly got back on the air and it looks as though its a power supply
probblem.
Any thoughts as my batteries dont last long on the lap top
Any thought on a net book replacement or a refurbished base unitought

Thanks

31052. Re: FT-897D transverter mode ..

Yahoo group: FT897 (2010)
Date: 2010-08-29 06:45:28 UTC
From: colin.bell99
Topic: 31029 Message: 31052

WL7COL ???,

I do not currently use any type of transverter but I have been investigating using a Transverter to get on to 4m (70mhz).

As to 'is it a good idea to take Yaesu up on their feature'. You are going to go into the homebrew area, even if you buy ready built equipment, since you will have to cable it all up yourself and set up the FT897 to supply the correct input/outputs, so (if you are like me) you will be doubly checking everything and generally taking great care. It is highly unlikely (unless you cable something up incorrectly or you have self designed a transverter and got it wrong) you will break the FT897.

You specifically mention 1.25m, 23cm & 13cm. I would not imagine there is anything specifically different in the methods for these bands, just in the circuits themselves.

As I understand the FT897 menu settings, transverting from 28mhz, with all connections made, you would (say for 1.25m) set the menu no 89 to 222000 (khz) set VFOA to 28mhz and then select XVRT A. Your VFO display should now read 222mhz. When you tune up to say 222.5 on the display you should receive any transmissions audible on that frequency and if you transmit you will transmit on 222.5mhz.

You would need to be careful about going out of band and if the band spread is greater than that of the 10m band (we don't have 1.25 in the UK) you will find (unless you have been tweaking with the FT897) that you won't be able to transmit on the upper portion of the band.

When I was investigating I did an internet search on Transverter and came up with about 13,000 hits including some specific to 222mhz transverters.

Hope this is not to simplistic for you. Good luck with your investigations.

--- In FT897@yahoogroups.com, "pscyclone" <pscyclone@...> wrote:
>
>
> Hello all - I just noticed a couple of menu settings in the manual that appear to allow the 897d to be used as the IF for a transverter. I'm very interested in learning more about this but have so far come up with very little in the way of a 'how to' or if it's even a very good idea to take Yaesu up on this feature. Specifically, I'm interested in 1.25m transvering and the 23cm and 13cm bands.
>
> Any help?
>
> 73 de WL7COL
>

31053. ft 897 catport fuse

Yahoo group: FT897 (2010)
Date: 2010-08-29 10:34:48 UTC
From: carlos
Topic: 31053 Message: 31053

hi,
is this 3,5 amp fuse fast or slow
carlos

31054. HRD with 897Plus

Yahoo group: FT897 (2010)
Date: 2010-08-30 23:31:24 UTC
From: northsider20
Topic: 31054 Message: 31054

Is there a way around running HRD, and the AT-897Plus. The baud rates conflict. 4800 baud for the tuner, and 38400 for the HRD software. Maybe someone can point out other SDR software, they are running with both the FT-897 & the LDG 897Plus.

TNX Patrick KI8UM

31055. Re: [FT897] HRD with 897Plus

Yahoo group: FT897 (2010)
Date: 2010-08-30 23:57:16 UTC
From: Rob Stampfli
Topic: 31054 Message: 31055

On Mon, Aug 30, 2010 at 11:31:24PM -0000, northsider20 wrote:
> Is there a way around running HRD, and the AT-897Plus. The baud rates conflict. 4800 baud for the tuner, and 38400 for the HRD software. Maybe someone can point out other SDR software, they are running with both the FT-897 & the LDG 897Plus.

HRD is capable of being configured to use 4800 baud, although I am not sitting in front of that computer right now, so I can't give you explicit instructions on how this is done. I plug the cable from the computer's COM port into the spare CAT receptacle on the tuner, and then use the jumper to connect the tuner to the rig. I also had to set either DTR or DSR, if I recall. But, I use my FT-897D in conjunction with both HRD and AT-897Plus regularly with good results. The only real problem I've encountered is that the tuner doesn't seem to like it when I turn on the rig while the HRD program is already up and running. In this case the tuner often cannot initialize correctly and won't stop blinking an error until I've shut down HRD and power cycled the rig. Also, occasionally, I have to hit the tune button twice if there is HRD CAT activity going on at the time which causes a conflict.

4800 baud is fast enough for HRD. I'm not certain, but I'd suspect it also provides a bit more immunity from RFI on the CAT cable than higher baud rates do.

Rob / KD8WK

31056. Re: [FT897] HRD with 897Plus

Yahoo group: FT897 (2010)
Date: 2010-08-31 00:20:10 UTC
From: Patrick
Topic: 31054 Message: 31056

Hi Rob. Thanks for the reply. I have experienced the flashing LED, from having the HRD already oped, and turning the rig on. I will look for more replies also wil look in the setting and look for possible change to 4800,

Patrick KI8UM

On Mon, Aug 30, 2010 at 7:57 PM, Rob Stampfli <res@...> wrote:

>
>
> On Mon, Aug 30, 2010 at 11:31:24PM -0000, northsider20 wrote:
> > Is there a way around running HRD, and the AT-897Plus. The baud rates
> conflict. 4800 baud for the tuner, and 38400 for the HRD software. Maybe
> someone can point out other SDR software, they are running with both the
> FT-897 & the LDG 897Plus.
>
> HRD is capable of being configured to use 4800 baud, although I am not
> sitting in front of that computer right now, so I can't give you explicit
> instructions on how this is done. I plug the cable from the computer's
> COM port into the spare CAT receptacle on the tuner, and then use the
> jumper to connect the tuner to the rig. I also had to set either DTR or
> DSR, if I recall. But, I use my FT-897D in conjunction with both HRD
> and AT-897Plus regularly with good results. The only real problem I've
> encountered is that the tuner doesn't seem to like it when I turn on the
> rig while the HRD program is already up and running. In this case the
> tuner often cannot initialize correctly and won't stop blinking an error
> until I've shut down HRD and power cycled the rig. Also, occasionally,
> I have to hit the tune button twice if there is HRD CAT activity going
> on at the time which causes a conflict.
>
> 4800 baud is fast enough for HRD. I'm not certain, but I'd suspect
> it also provides a bit more immunity from RFI on the CAT cable than
> higher baud rates do.
>
> Rob / KD8WK
>
>

[Non-text portions of this message have been removed]

31057. Re: No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-27 21:30:01 UTC
From: rwhite0303
Topic: 31045 Message: 31057

If you read the Operating Manual, Page 35 under Transmitter Operation, you will find that you need to change to FM and then press and hold the "HOME" key. I would also suggest that you lower the power to 5 for the meter's first setting and then increase it to 25 for a second test. Do not forget to reset the FM to LSB or USB and power to 100 before you attempt to transmit.

--- In FT897@yahoogroups.com, "chuckschott727" <ke4grp@...> wrote:
>
> I usually use the CW mode to tune the tuner, amp, etc. As luck would have it,my main rig is in the shop due to the sideband going south. I use the FT 897 as a backup rig, and sure enough, there is no CW tone when I turn over to CW and hit the mic key.
>
> Anyone else have this problem?
>
> Thanks
> Chuck
> Ke4grp
>

31058. Re: No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-28 01:16:19 UTC
From: rwhite0303
Topic: 31045 Message: 31058

--- In FT897@yahoogroups.com, "chuckschott727" <ke4grp@...> wrote:
>
> I usually use the CW mode to tune the tuner, amp, etc. As luck would have it,my main rig is in the shop due to the sideband going south. I use the FT 897 as a backup rig, and sure enough, there is no CW tone when I turn over to CW and hit the mic key.
>
> Anyone else have this problem?
>
> Thanks
> Chuck
> Ke4grp
>

Go to the operating Manual, page 35. Lower the power to 5 and change to FM. Push and hold the HOME button and you will get a tone for tuning. Once you have the signal tuned, you can raise the power to quickly test again. Do not forget that to transmit, you will need to set the FM to USB or LSB. It is kind of a back door to have a tone to tune.

31059. Re: High QRN/M levels

Yahoo group: FT897 (2010)
Date: 2010-08-28 08:25:44 UTC
From: vk7hch
Topic: 31027 Message: 31059

I believe I can help with this one. I was suffering the same issue, and googled high and low for answers to the high noise floor on my 857D.
It turns out that you need to enable from the menu "IPO". This disables the receive preamp, and fixes the issue. It does not affect signals, well they may drop a fraction, but the constant S6-S9 noise floor vanishes.
Press the MenuF button till you get to row M and press button A. An I will appear on the screen. This is to be done for each band you wish to disable it for, and on both VFOs.
The manual states that it is not good to use it below 10MHz

Hope this helps

Chris
VK7HCH

31060. Re: [FT897] HRD with 897Plus

Yahoo group: FT897 (2010)
Date: 2010-08-31 00:21:41 UTC
From: Karl Denninger
Topic: 31054 Message: 31060

It works at 4800bps - I use HRD with a AT897Plus - no problems.

-- Karl
W3KSD

On 8/30/2010 7:20 PM, Patrick wrote:
> Hi Rob. Thanks for the reply. I have experienced the flashing LED, from
> having the HRD already oped, and turning the rig on. I will look for more
> replies also wil look in the setting and look for possible change to 4800,
>
> Patrick KI8UM
>
> On Mon, Aug 30, 2010 at 7:57 PM, Rob Stampfli <res@...> wrote:
>
>>
>> On Mon, Aug 30, 2010 at 11:31:24PM -0000, northsider20 wrote:
>>> Is there a way around running HRD, and the AT-897Plus. The baud rates
>> conflict. 4800 baud for the tuner, and 38400 for the HRD software. Maybe
>> someone can point out other SDR software, they are running with both the
>> FT-897 & the LDG 897Plus.
>>
>> HRD is capable of being configured to use 4800 baud, although I am not
>> sitting in front of that computer right now, so I can't give you explicit
>> instructions on how this is done. I plug the cable from the computer's
>> COM port into the spare CAT receptacle on the tuner, and then use the
>> jumper to connect the tuner to the rig. I also had to set either DTR or
>> DSR, if I recall. But, I use my FT-897D in conjunction with both HRD
>> and AT-897Plus regularly with good results. The only real problem I've
>> encountered is that the tuner doesn't seem to like it when I turn on the
>> rig while the HRD program is already up and running. In this case the
>> tuner often cannot initialize correctly and won't stop blinking an error
>> until I've shut down HRD and power cycled the rig. Also, occasionally,
>> I have to hit the tune button twice if there is HRD CAT activity going
>> on at the time which causes a conflict.
>>
>> 4800 baud is fast enough for HRD. I'm not certain, but I'd suspect
>> it also provides a bit more immunity from RFI on the CAT cable than
>> higher baud rates do.
>>
>> Rob / KD8WK
>>
>>
>
> [Non-text portions of this message have been removed]
>

>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>
>
>
> %SPAMBLOCK-SYS: Matched [@yahoogroups.com], message ok

[Non-text portions of this message have been removed]

31061. New Ham

Yahoo group: FT897 (2010)
Date: 2010-08-28 17:29:32 UTC
From: cmdr_tringad
Topic: 31061 Message: 31061

Hi all!

I'm a new Ham and I'm interested in purchasing a FT-897D since it looks like an all-around great radio.

I was hoping to get some advice from you all about where/who to buy from, and any suggested accessories and antennas I should pick up, or any general Ham advice at all!

Also, I'm in Fayetteville, NC if that helps :)

Thanks in advance!

William
KJ4YDL

31062. Re: [FT897] HRD with 897Plus

Yahoo group: FT897 (2010)
Date: 2010-08-31 02:14:01 UTC
From: Patrick
Topic: 31054 Message: 31062

Yep. I got it configured. Thanks for the replies all

KI8UM

On Mon, Aug 30, 2010 at 8:21 PM, Karl Denninger <karl@...> wrote:

>
>
> It works at 4800bps - I use HRD with a AT897Plus - no problems.
>
> -- Karl
> W3KSD
>
>
> On 8/30/2010 7:20 PM, Patrick wrote:
> > Hi Rob. Thanks for the reply. I have experienced the flashing LED, from
> > having the HRD already oped, and turning the rig on. I will look for more
> > replies also wil look in the setting and look for possible change to
> 4800,
> >
> > Patrick KI8UM
> >
> > On Mon, Aug 30, 2010 at 7:57 PM, Rob Stampfli <res@...<res%40colnet.cmhnet.org>>
> wrote:
> >
> >>
> >> On Mon, Aug 30, 2010 at 11:31:24PM -0000, northsider20 wrote:
> >>> Is there a way around running HRD, and the AT-897Plus. The baud rates
> >> conflict. 4800 baud for the tuner, and 38400 for the HRD software. Maybe
> >> someone can point out other SDR software, they are running with both the
> >> FT-897 & the LDG 897Plus.
> >>
> >> HRD is capable of being configured to use 4800 baud, although I am not
> >> sitting in front of that computer right now, so I can't give you
> explicit
> >> instructions on how this is done. I plug the cable from the computer's
> >> COM port into the spare CAT receptacle on the tuner, and then use the
> >> jumper to connect the tuner to the rig. I also had to set either DTR or
> >> DSR, if I recall. But, I use my FT-897D in conjunction with both HRD
> >> and AT-897Plus regularly with good results. The only real problem I've
> >> encountered is that the tuner doesn't seem to like it when I turn on the
> >> rig while the HRD program is already up and running. In this case the
> >> tuner often cannot initialize correctly and won't stop blinking an error
> >> until I've shut down HRD and power cycled the rig. Also, occasionally,
> >> I have to hit the tune button twice if there is HRD CAT activity going
> >> on at the time which causes a conflict.

> >>
> >> 4800 baud is fast enough for HRD. I'm not certain, but I'd suspect
> >> it also provides a bit more immunity from RFI on the CAT cable than
> >> higher baud rates do.
> >>
> >> Rob / KD8WK
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
> >
> > %SPAMBLOCK-SYS: Matched [@yahoogroups.com], message ok
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

31063. Re: New Ham

Yahoo group: FT897 (2010)
Date: 2010-08-31 12:08:35 UTC
From: bw3us
Topic: 31061 Message: 31063

There's quite a bit to answer in your question William.

I've run the 897D for years and find it's a good, general, radio.
Prices are about $900 for a brand new one, but they can be found on
eham, qth and qrz in good condition for much less.

Antennas is another answer which is difficult as what room do you have?
Verticle? (noisy), DX, local repeaters etc all come in to play.

Check your local ham clubs and find one-on-one answers. NC has a lot of
clubs and the hams there will be glad to point you in the right
direction.

Good luck and welcome aboard.

73, Bill, k3waw
--- In FT897@yahoogroups.com, "cmdr_tringad" <kj4ydl@...> wrote:
>
> Hi all!
>
> I'm a new Ham and I'm interested in purchasing a FT-897D since it
looks
> like an all-around great radio.
>
> I was hoping to get some advice from you all about where/who to buy
> from, and any suggested accessories and antennas I should pick up, or
> any general Ham advice at all!
>
> Also, I'm in Fayetteville, NC if that helps :)
>
>
> Thanks in advance!
>
> William
> KJ4YDL
>

[Non-text portions of this message have been removed]

31064. Re: [FT897] New Ham

Yahoo group: FT897 (2010)
Date: 2010-08-31 13:17:06 UTC
From: Chip G.
Topic: 31061 Message: 31064

I own an FT-897D, and it's twin sister the FT-857D. Great radios.

Antenna: depends, a lot.how much space do you have? How much money? What do you want to do with it? Are you looking to just do base operations or also use portable? Assuming you aren't loaded enough to go for a full tower, rotator, and beam right now... If you have a couple of trees that are about 150' apart then a G5RV or some other long-wire antenna is a great option that doesn't cost much money but performs well. If you are considering portable ops than you might consider a Buddipole, one of the best portable antennas (and can also be put in service at home to great effect). Of course a long-wire can also be used portably.

Accessories: if you are going to go portable, then get a battery and charging cables. Depending on the antenna you get it may be worth getting a tuner to maximize usable band space. (Any antenna optimized for one band/frequency will not perform well on other band frequency. The tuner allows you to use the antenna where you wouldn't be able to otherwise with a sacrifice of some efficiency, i.e. lost power.) later you can add digital to the mix. There are lots of ways to do this, but my favorite involves the NUE-PSK modem. You can have lots of fun with accessories, but really there are few you NEED right out of the gate.

General advice: start slow. Build up. This is a hobby you can enjoy for the rest of your life, you don't need to do it all right away. Save your pennies and consider the next step. Enjoy what you are doing now but also dream of what you will do next. One of the greatest wonders of our hobby is the breadth of modes, abilities, skills, and talents you can develop in it.

-- Chip-N1MIE

On Aug 28, 2010, at 13:29, cmdr_tringad <kj4ydl@...> wrote:

> I'm a new Ham and I'm interested in purchasing a FT-897D since it looks like an
all-around great radio.
>
> I was hoping to get some advice from you all about where/who to buy from, and any
suggested accessories and antennas I should pick up, or any general Ham advice at all!
>
> Also, I'm in Fayetteville, NC if that helps :)

31065. Re: [FT897] Re: No CW tone when I tune

Yahoo group: FT897 (2010)
Date: 2010-08-31 15:40:20 UTC
From: Stew KD5LBE
Topic: 31045 Message: 31065

From KD5LBE There should be a tone in CW or FM is good but turning the power down as far as it will go and not holding it very long is really important until you are close. If you don't you will have two radios in the shop. There is nothing wrong with keeping the power low it won't hurt the radio, you just won't find yourself talking to a lot of other HAMS.

From: rwhite0303
Sent: Friday, August 27, 2010 4:30 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: No CW tone when I tune

If you read the Operating Manual, Page 35 under Transmitter Operation, you will find that you need to change to FM and then press and hold the "HOME" key. I would also suggest that you lower the power to 5 for the meter's first setting and then increase it to 25 for a second test. Do not forget to reset the FM to LSB or USB and power to 100 before you attempt to transmit.

--- In FT897@yahoogroups.com, "chuckschott727" <ke4grp@...> wrote:
>
> I usually use the CW mode to tune the tuner, amp, etc. As luck would have it,my main rig is in the shop due to the sideband going south. I use the FT 897 as a backup rig, and sure enough, there is no CW tone when I turn over to CW and hit the mic key.
>
> Anyone else have this problem?
>
> Thanks
> Chuck
> Ke4grp
>

[Non-text portions of this message have been removed]

31066. Help Problem FT-897D + FC-30

Yahoo group: FT897 (2010)
Date: 2010-08-31 11:55:08 UTC
From: Alexsandro
Topic: 31066 Message: 31066

Hello friends,
Inadvertently realized with a transmission cable BPSK31 FC CAT 30 at the exit of the radio, now when I do the tuning of the coupler it just informing you finish HSWR, apparently the radio is working but can not make the FC 30 function, is there a "fuse" of protection on the radio or the coupler to prevent these "stupid things". What may have happened.
Sincerely,
Alex - PU4HUD

31067. RE: [FT897] New Ham

Yahoo group: FT897 (2010)
Date: 2010-08-31 03:00:14 UTC
From: Robert Tuck
Topic: 31061 Message: 31067

Congratulations on becoming an Amateur Radio Operator!

I like my FT-897D. It covers a wide range of the ham bands. I have the SSB filter installed. I would recommend it highly.

I use an external power supply. I feel that it keeps some of the heat of the radio. But the internal power supply would work fine. You need one or the other.

You will probably need some kind of tuner. I have the matching Auto-Tuner. It plugs into a multipurpose socket on the back of the radio for its control signals. This socket is also for the CAT (computer) control interface. I do not use this tuner because I have an Ameritron 600 watt solid state linear amp hooked up. It also interfaces to the same socket. I use an external 600 watt auto-tuner.

LDJ make an autotuner that interfaces to the 897's CAT port and provides another CAT port for computer control.

The CAT signals are also available on the microphone connector jack on the front of the radio. I use the Yaesu desk mike and plug the CAT cable into a spare RJ45 jock on the back of the mike.

The antenna output is split between HF + 6m on one antenna connector and 2m/440 on the other.

A dipole of some sort is the way that most new hams go for the HF side of things. I use a 80m dipole and an G5RV. HF signals are usually horizontally polarized.

I use a diplexer to separate the 6m signal from the HF so that the 6m signal can go to a vertical antenna.

Most 2m/440 work will require a vertical antenna. A dual band type is the way to go. You can build a simple J-Pole or ground plane antenna. These two signals usually are vertically polarized.

I use the CAT control and a SignaLink USB (soundcard) interface for digital communications - mostly PSK31. The CAT interface is from Yaesu. It cost about $50. It comes with software that

lets you use a computer to program/backup the radio settings. I use Ham Radio Deluxe for controlling the radio for PSK31.

l don't know how close you are to the Shelby NC Hamfest. You will find EVERYTHING ham related there. It is coming up in a few days - this weekend! see http://shelbyhamfest.com/

All of the major vendors will be there (sometimes with "special" pricing) Even if you do not buy anything, you can put hands on almost everything. And gather catalogs/information/brochures/etc. My wife calls those "Wish Books".

You will need to have a good grounding point for your equipment. I use grounding switches for all of my antennas. They disconnect the radios and ground both the radio and the antenna. I have very good surge protection installed on the power feeds to my gear.

Online, Ham Radio Outlet http://hamradio.com/ , http://www.gigaparts.com/radioindex.php, Universal Radio http://www.universal-radio.com/catalog/hamhf/0897.html, AES Ham http://www.aesham.com/, Ham City http://www.hamcity.com/store/pc/home.asp are reputable dealers.

Stay away from eBay unless you are sure of what you are getting. There usually are no return policies there.

And most of all - HAVE FUN!

73

Robert

AB4RT

Warner Robins, GA

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of cmdr_tringad
Sent: Saturday, August 28, 2010 13:30
To: FT897@yahoogroups.com
Subject: [FT897] New Ham

Hi all!

I'm a new Ham and I'm interested in purchasing a FT-897D since it looks like an all-around great radio.

I was hoping to get some advice from you all about where/who to buy from, and any suggested accessories and antennas I should pick up, or any general Ham advice at all!

Also, I'm in Fayetteville, NC if that helps :)

Thanks in advance!

William
KJ4YDL

[Non-text portions of this message have been removed]

31068. The LDG AT-897 Plus Tuner

Yahoo group: FT897 (2010)
Date: 2010-09-01 00:30:45 UTC
From: scotchmandr
Topic: 31068 Message: 31068

Regarding The LDG AT-897 Plus Tuner.

The site states the following:

"The tuner has a front panel button to initiate the tuning sequence while lowering the RF power to 25 watts"

Does this mean if I have it turned down to say, 10 watts for operation in my tent with an antenna off of it's back, does it then actually turn the power UP? Or will it tune at whatever power setting I have the TXCVR at already if under 25 watts and only lower it to 25 if it is greater than that.

Lets say I have my 897 turned to 5W for some QRP... Will it turn UP to 25W to tune? This would not be good if I am using a QRP antenna rated for 10W max.

73,
Phillip (N8AYE)
-. ---.. .- -.-- .

31069. RE: [FT897] New Ham

Yahoo group: FT897 (2010)
Date: 2010-09-01 00:32:14 UTC
From: William Ramsay Jr
Topic: 31061 Message: 31069

Thanks for all of the info, everyone!

I'm not quite ready to buy my rig (probably a Christmas or tax-return-time purchase), but I now have a good amount of info to start with.

While I don't have a rig yet, I have been playing around with EchoLink, so maybe I'll see you out there on the air!

Thanks again,

William
KJ4YDL

[Non-text portions of this message have been removed]

31070. Re: [FT897] The LDG AT-897 Plus Tuner

Yahoo group: FT897 (2010)
Date: 2010-09-01 00:56:05 UTC
From: Rob Stampfli
Topic: 31068 Message: 31070

On Wed, Sep 01, 2010 at 12:30:45AM -0000, scotchmandr wrote:
> Regarding The LDG AT-897 Plus Tuner.
>
> The site states the following:
>
> "The tuner has a front panel button to initiate the tuning sequence while lowering the RF power to 25 watts"
>
> Does this mean if I have it turned down to say, 10 watts for operation in my tent with an antenna off of it's back, does it then actually turn the power UP? Or will it tune at whatever power setting I have the TXCVR at already if under 25 watts and only lower it to 25 if it is greater than that.
>
> Lets say I have my 897 turned to 5W for some QRP... Will it turn UP to 25W to tune? This would not be good if I am using a QRP antenna rated for 10W max.

I have no inside knowledge of this but, based on what I've read, the AT-897Plus tuner saves the current mode, then puts the rig in AM mode, and then keys the transmitter. When done, it restores the previous mode. You can verify this by watching the display closely and seeing the transition to AM and back. In AM mode, the carrier is theoretically always 1/4 the RF power set in menu 75. Thus setting the RF power control to the max would result in a carrier of 25W, and it is this carrier which is used for tuning. Decreasing the max RF power should also decrease the 25W carrier linearly, and empirically it does decrease the carrier, although on my wattmeter it is not all that linear. But, tuning up with the max power set to 5W will result in something less than 5W of available carrier to tune with.

Note that while the tuner is in the process of tuning, the rig is essentially transmitting an AM signal, so anything you say that is picked up by the mic goes out over the air.

Hope this answers your question.

Rob / KD8WK

31071. Tapping PTT makes receiver recover sensitivity.

Yahoo group: FT897 (2010)
Date: 2010-09-01 10:40:10 UTC
From: agodney
Topic: 31071 Message: 31071

When receiving on 2 meters FM on my FT897D the "S" meter will, once in a while, drop about 4 "S" points, if the signal was say signal strength 5 then the noise also increases. If I transmit for a brief period the receiver will recover and indicate signal strength 5 again and the noise decreases. This is similar to the older type of radio when the antenna relay contacts were dirty. The FT897D has a diode switching line that controls the antenna. I have not noticed this fault on other bands but I really only use 2 meters constantly at present.
I wonder if anyone else has experienced this problem and how they fixed it.
Thanks Allan M0CBG

31072. Re: The LDG AT-897 Plus Tuner

Yahoo group: FT897 (2010)
Date: 2010-09-01 10:30:14 UTC
From: bw3us
Topic: 31068 Message: 31072

If you lower your power, it (the 897) will not go above that setting.
Try it and see, it's easy enough.
Bill, k3waw

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> Regarding The LDG AT-897 Plus Tuner.
>
> The site states the following:
>
> "The tuner has a front panel button to initiate the tuning sequence while lowering the RF power to 25 watts"
>
>
>
> Does this mean if I have it turned down to say, 10 watts for operation in my tent with an antenna off of it's back, does it then actually turn the power UP? Or will it tune at whatever power setting I have the TXCVR at already if under 25 watts and only lower it to 25 if it is greater than that.
>
> Lets say I have my 897 turned to 5W for some QRP... Will it turn UP to 25W to tune? This would not be good if I am using a QRP antenna rated for 10W max.
>
> 73,
> Phillip (N8AYE)
> -. ---.. .- -.-- .
>

31073. Re: [FT897] Re: The LDG AT-897 Plus Tuner

Yahoo group: FT897 (2010)
Date: 2010-09-01 15:28:58 UTC
From: Stanton Royce
Topic: 31068 Message: 31073

Yes, try it and see but I don't recommend using the 10 watt antenna for the test. Use an appropriately rated dummy load or antenna rated for at least 25 watts.

One consideration however, I do not know if the AT-897 tuner remembers settings as does the SCG SG-230. If it does, and you test it with a different antenna on that frequency, the SG-230 remembers the previous setting and goes to that but will retune if the SWR is above a certain level.

Stanton Royce AE5UE

From: bw3us <k3waw@...>
To: FT897@yahoogroups.com
Sent: Wed, September 1, 2010 4:30:14 AM
Subject: [FT897] Re: The LDG AT-897 Plus Tuner

If you lower your power, it (the 897) will not go above that setting.
Try it and see, it's easy enough.
Bill, k3waw

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> Regarding The LDG AT-897 Plus Tuner.
>
> The site states the following:
>
> "The tuner has a front panel button to initiate the tuning sequence while
>lowering the RF power to 25 watts"
>
>
>
>
> Does this mean if I have it turned down to say, 10 watts for operation in my
>tent with an antenna off of it's back, does it then actually turn the power UP?
>Or will it tune at whatever power setting I have the TXCVR at already if under
>25 watts and only lower it to 25 if it is greater than that.
>
> Lets say I have my 897 turned to 5W for some QRP... Will it turn UP to 25W to
>tune? This would not be good if I am using a QRP antenna rated for 10W max.
>
> 73,
> Phillip (N8AYE)
> -. ---.. .- -.-- .
>

[Non-text portions of this message have been removed]

31074. Re: Tapping PTT makes receiver recover sensitivity.

Yahoo group: FT897 (2010)
Date: 2010-09-02 13:43:31 UTC
From: john_kb0ne
Topic: 31071 Message: 31074

Hi Allen,
Yes, My 897D does the *exact* same thing.... I had posted about this earlier. It isn't bad enough yet to make me crack the case and fix it.

John KB0NE

--- In FT897@yahoogroups.com, "agodney" <agodney@...> wrote:
>
> When receiving on 2 meters FM on my FT897D the "S" meter will, once in a while, drop about 4 "S" points, i
> I wonder if anyone else has experienced this problem and how they fixed it.
> Thanks Allan M0CBG
>

31075. Re: Tapping PTT makes receiver recover sensitivity.

Yahoo group: FT897 (2010)
Date: 2010-09-02 16:42:13 UTC
From: rrlanders2
Topic: 31071 Message: 31075

I have seen this on 30 meters pretty consistently with my
FT-897D. I have not noticed it on 2 meters.

Like John, it's not bad enough to motivate me to investigate it any
further.

73, Rod WI0T

--- In FT897@...m, "john_kb0ne" <wa0lhb@...> wrote:
>
> Hi Allen,
> Yes, My 897D does the *exact* same thing.... I had posted about this earlier. It isn't bad enough yet to make me crack the case and fix it.
>
> John KB0NE
>
> --- In FT897@yahoogroups.com, "agodney" <agodney@> wrote:
> >
> > When receiving on 2 meters FM on my FT897D the "S" meter will, once in a while, drop about 4 "S" points, i
> > I wonder if anyone else has experienced this problem and how they fixed it.
> > Thanks Allan M0CBG
> >
>

31076. Re: Tapping PTT makes receiver recover sensitivity.

Yahoo group: FT897 (2010)
Date: 2010-09-02 17:36:28 UTC
From: Ken
Topic: 31071 Message: 31076

--- In FT897@yahoogroups.com, "agodney" <agodney@...> wrote:
>
> When receiving on 2 meters FM on my FT897D the "S" meter will, once in a while, drop about 4 "S" points, if the signal was say signal strength 5 then the noise also increases. If I transmit for a brief period the receiver will recover and indicate signal strength 5 again and the noise decreases. This is similar to the older type of radio when the antenna relay contacts were dirty. The FT897D has a diode switching line that controls the antenna. I have not noticed this fault on other bands but I really only use 2 meters constantly at present.
> I wonder if anyone else has experienced this problem and how they fixed it.
> Thanks Allan M0CBG
>
Found this don't know if this will help

It's possible to make a relay cleaning, of the Yaesu FT-897 transceiver, by pressing the "DWN" and "UP" keys simultaneously and turn ON the transceiver.

31077. Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-02 19:39:15 UTC
From: mstarmer1
Topic: 31077 Message: 31077

Well I am looking at tuners to make life easier. I see the AT-100pro is nice with built in meters, the AT-897 is a good bolt on and the YT-100 seems to be a bare bones Yaesu tuner.

Each has it's appeal but I kind of like the AT-100's ability to work with any radio, I like the bolt on AT-897 for portability.

This would be my first tuner to be used with my SuperAntenna. I could get the 897 and the FT-meter to make things easier to see I guess?

Suggestions??

31078. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-02 20:03:36 UTC
From: Hank
Topic: 31077 Message: 31078

Well I have the AT-897 and love it. My 897D is my only HF rig so I don't need a tuner for another radio. Because of that, I chose the AT-897. If I had another HF rig I might have chosen the AT-100.

I also have the FT-Meter, and what a difference. To me it is just so much easier to read than the built-in meter. I can glance at it and instantly know how I'm doing.

Only other suggestion I have is a desk mic. I have the Yaesu MD-100A8X and get wonderful audio reports. If you choose to get this mic, you MUST make sure that the processor switch on the bottom of the mic is in the bypass position. I missed that in the brochure that came with the mic and was getting horrible reports. I emailed Yaesu, and they didn't know what it could be. I re-read the sheet and saw where it said that the FT-897 and a few other radios must have that switch in the bypass position. As soon as I set the switch correctly, people noticed a big difference.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
> Well I am looking at tuners to make life easier. I see the AT-100pro is nice with built in meters, the AT-897 is a good bolt on and the YT-100 seems to be a bare bones Yaesu tuner.
>
> Each has it's appeal but I kind of like the AT-100's ability to work with any radio, I like the bolt on AT-897 for portability.
>
> This would be my first tuner to be used with my SuperAntenna. I could get the 897 and the FT-meter to make things easier to see I guess?
>
> Suggestions??
>

31079. Re: [FT897] Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-02 20:04:50 UTC
From: B Young
Topic: 31077 Message: 31079

I have the LDG Z100 plus. It works great. Not bolt on but very small in size. Connects to data port.

On Thu, Sep 2, 2010 at 3:39 PM, mstarmer1 <mstarmer@...> wrote:

>
>
> Well I am looking at tuners to make life easier. I see the AT-100pro is
> nice with built in meters, the AT-897 is a good bolt on and the YT-100 seems
> to be a bare bones Yaesu tuner.
>
> Each has it's appeal but I kind of like the AT-100's ability to work with
> any radio, I like the bolt on AT-897 for portability.
>
> This would be my first tuner to be used with my SuperAntenna. I could get
> the 897 and the FT-meter to make things easier to see I guess?
>
> Suggestions??
>
>
>

[Non-text portions of this message have been removed]

31080. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-03 08:32:45 UTC
From: mstarmer1
Topic: 31077 Message: 31080

--- In FT897@yahoogroups.com, B Young <youngbar0978@...> wrote:
>
> I have the LDG Z100 plus. It works great. Not bolt on but very small in
> size. Connects to data port.
>

I ruled that one out after reading this on W4RT's website;

NOTE: Not for use with FT-857(D) or FT-897(D) if you plan to use VHF or UHF. These two radios transmit a small amount of VHF/UHF RF energy out of the HF port and will fool the tuner into tuning. Use the AT-100Pro in this case.

After reading all the eham reviews it sounds like most of the LDG stuff is good, it's just a matter of aesthetics and options.

31081. Re: Tapping PTT makes receiver recover sensitivity

Yahoo group: FT897 (2010)
Date: 2010-09-03 09:33:10 UTC
From: Dave Nelson
Topic: 31081 Message: 31081

Hey Ken,

that does solve a lot of HF problems... have used it myself, but it
wont affect
2m or 70cm as there are no relays in the TX or RX paths on those bands :)
its all diode switching

cheers
Dave
VK2TDN

At 06:44 PM 3/09/2010, you wrote:
>1c. Re: Tapping PTT makes receiver recover sensitivity.
> Posted by: "Ken" w2bdp@... w2bdp
> Date: Thu Sep 2, 2010 10:36 am ((PDT))
>
>Found this don't know if this will help
>

31082. Re: Tapping PTT makes receiver recover sensitivity.

Yahoo group: FT897 (2010)
Date: 2010-09-03 10:14:40 UTC
From: Dooley
Topic: 31071 Message: 31082

I have tried this, but it did not fix the problem. I run two FT-897D made in different years and they both do this very consistently on all the bands EXCEPT VHF and UHF. They did this at the home QTH for a couple of years and when I was QRV in Iraq as YI9VDW for the last year. Just got home a couple of weeks ago and resetting up the HF towers and antennas yesterday and today. I have tried mutiple power supplies, batteries, rf grounding and ferrite chokes etc. thinking that were the problems too - they were not. I'll let you know if this continues...

73

Buck
W4VDW/YI9VDW/AAR4NGC/AAR4NGP

--- In FT897@yahoogroups.com, "Ken" <w2bdp@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "agodney" <agodney@> wrote:
> >
> > When receiving on 2 meters FM on my FT897D the "S" meter will, once in a while, drop about 4 "S" points, if the signal was say signal strength 5 then the noise also increases. If I transmit for a brief period the receiver will recover and indicate signal strength 5 again and the noise decreases. This is similar to the older type of radio when the antenna relay contacts were dirty. The FT897D has a diode switching line that controls the antenna. I have not noticed this fault on other bands but I really only use 2 meters constantly at present.
> > I wonder if anyone else has experienced this problem and how they fixed it.
> > Thanks Allan M0CBG
> >
> Found this don't know if this will help
>
>
> It's possible to make a relay cleaning, of the Yaesu FT-897 transceiver, by pressing the "DWN" and "UP" keys simultaneously and turn ON the transceiver.
>

31083. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-05 06:38:56 UTC
From: colin.bell99
Topic: 31077 Message: 31083

I'm puzzled about both these posts.

I also use an LDG Z100 plus but have no data port connection. I have to connect to the ACC jack.

I cannot find any comment on W4RT's web site about the Z100 connected to the FT857/897 auto-tuning when using VHF. I was not aware the Z100 could autotune. Unless RF is causing the microprocessor to activate a tune it is normal to tune via the push button on the front. I have not had any trouble so far with my Z100 and it seems it can match the proverbial damp string.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, B Young <youngbar0978@> wrote:
> >
> > I have the LDG Z100 plus. It works great. Not bolt on but very small in
> > size. Connects to data port.
> >
>
> I ruled that one out after reading this on W4RT's website;
>
> NOTE: Not for use with FT-857(D) or FT-897(D) if you plan to use VHF or UHF. These two radios transmit a small amount of VHF/UHF RF energy out of the HF port and will fool the tuner into tuning. Use the AT-100Pro in this case.
>
> After reading all the eham reviews it sounds like most of the LDG stuff is good, it's just a matter of aesthetics and options.
>

31084. RE: [FT897] Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-05 14:04:59 UTC
From: Barry Young
Topic: 31077 Message: 31084

Sorry Colin,

I was incorrect. The LDG Z100 Plus does connect to the ACC port. I must have been thinking of another project I am working on that involves the Data port.

73, Barry K9BAY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of colin.bell99
Sent: Sunday, September 05, 2010 2:39 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Tuners? FT-meter?

I'm puzzled about both these posts.

I also use an LDG Z100 plus but have no data port connection. I have to connect to the ACC jack.

I cannot find any comment on W4RT's web site about the Z100 connected to the FT857/897 auto-tuning when using VHF. I was not aware the Z100 could autotune. Unless RF is causing the microprocessor to activate a tune it is normal to tune via the push button on the front. I have not had any trouble so far with my Z100 and it seems it can match the proverbial damp string.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "mstarmer1" <mstarmer@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , B Young <youngbar0978@> wrote:
> >
> > I have the LDG Z100 plus. It works great. Not bolt on but very small in
> > size. Connects to data port.
> >
>
> I ruled that one out after reading this on W4RT's website;
>
> NOTE: Not for use with FT-857(D) or FT-897(D) if you plan to use VHF or UHF. These two radios transmit a small amount of VHF/UHF RF energy out of the HF port and will fool the tuner into tuning. Use the AT-100Pro in this case.
>
> After reading all the eham reviews it sounds like most of the LDG stuff is

good, it's just a matter of aesthetics and options.
>

[Non-text portions of this message have been removed]

31085. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-05 18:35:41 UTC
From: mstarmer1
Topic: 31077 Message: 31085

Colin,

On W4RT's site if you click on LDG Autotuners and the Z-11pro it's at the bottom of the description. The quote was directly from their website.

Mike
KF7LDW

31086. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-06 06:22:39 UTC
From: colin.bell99
Topic: 31077 Message: 31086

Mike,

Thanks, found it.

A bit of a relief as it is not talking about the Z100plus (which is what I have).

Good luck with whatever you purchase.

Colin 2E0BPP

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
> Colin,
>
> On W4RT's site if you click on LDG Autotuners and the Z-11pro it's at the bottom of the description. The quote was directly from their website.
>
> Mike
> KF7LDW
>

31087. What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-06 22:29:41 UTC
From: pascalpete
Topic: 31087 Message: 31087

Okay, so I FINALLY get some vacation...get a few minutes to play with the radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner hooked to a G5RV-jr. Have had NO problems with this setup at all for 6 months.

Earlier today I was on a 2-meter repeater, and this evening jumped on to try an HF contact (haven't had on in a while). Was unsuccessful a few times, switched over to 20 meters, tuned up, found a free frequency and tried a CQ call.

The radio shut-off (powered down completely), then in a second or two powered back up with a pink screen and what appears to be all settings lost. All memories are gone, even the simplest settings seem to be erased.

On the positive side, I can hear stations on HF so the receiver is working.

What the heck just happened? something trigger a complete reset?

I searched the forum but did not find anything on this. Oh boy is this going to be a pain to try to get all those settings back!

Peter Lee
K8ACS

31088. Re: [FT897] What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-06 22:57:28 UTC
From: af2c@njdxa.org
Topic: 31087 Message: 31088

It almost sounds like you correct/incorrect sequence of events caused a
microprocessor reset. Oops.

73,
Jay/AF2C

At 10:29 PM 9/6/2010 +0000, you wrote:
>
>
>Okay, so I FINALLY get some vacation...get a few minutes to play with the
>radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
>hooked to a G5RV-jr. Have had NO problems with this setup at all for 6 months.
>
>Earlier today I was on a 2-meter repeater, and this evening jumped on to
>try an HF contact (haven't had on in a while). Was unsuccessful a few
>times, switched over to 20 meters, tuned up, found a free frequency and
>tried a CQ call.
>
>The radio shut-off (powered down completely), then in a second or two
>powered back up with a pink screen and what appears to be all settings
>lost. All memories are gone, even the simplest settings seem to be erased.
>
>On the positive side, I can hear stations on HF so the receiver is working.
>
>What the heck just happened? something trigger a complete reset?
>
>I searched the forum but did not find anything on this. Oh boy is this
>going to be a pain to try to get all those settings back!
>
>Peter Lee
>K8ACS
>
>

31089. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-06 23:01:10 UTC
From: pascalpete
Topic: 31087 Message: 31089

Well...on the positive side...as I reset the settings (started with a local FM repeater) the radio appears to be working. Haven't tested on HF yet. Looks like the radio went through a factory reset. Not sure why.

I'm new as a HAM and this radio is new to me as well.

I have the CAT cable but I don't have any software for imaging the settings on the radio. I see a few software packages on Google for this purpose but would appreciate any recommendations.

Thanks.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Okay, so I FINALLY get some vacation...get a few minutes to play with the radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner hooked to a G5RV-jr. Have had NO problems with this setup at all for 6 months.
>
> Earlier today I was on a 2-meter repeater, and this evening jumped on to try an HF contact (haven't had on in a while). Was unsuccessful a few times, switched over to 20 meters, tuned up, found a free frequency and tried a CQ call.
>
> The radio shut-off (powered down completely), then in a second or two powered back up with a pink screen and what appears to be all settings lost. All memories are gone, even the simplest settings seem to be erased.
>
> On the positive side, I can hear stations on HF so the receiver is working.
>
> What the heck just happened? something trigger a complete reset?
>
> I searched the forum but did not find anything on this. Oh boy is this going to be a pain to try to get all those settings back!
>
> Peter Lee
> K8ACS
>

31090. RE: [FT897] What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-06 23:15:42 UTC
From: Matt Patterson
Topic: 31087 Message: 31090

Sounds to me like you may have gotten a little RF feedback.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of pascalpete
Sent: Monday, September 06, 2010 5:30 PM
To: FT897@yahoogroups.com
Subject: [FT897] What the @#$% just happened?

Okay, so I FINALLY get some vacation...get a few minutes to play with the radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner hooked to a G5RV-jr. Have had NO problems with this setup at all for 6 months.

Earlier today I was on a 2-meter repeater, and this evening jumped on to try an HF contact (haven't had on in a while). Was unsuccessful a few times, switched over to 20 meters, tuned up, found a free frequency and tried a CQ call.

The radio shut-off (powered down completely), then in a second or two powered back up with a pink screen and what appears to be all settings lost. All memories are gone, even the simplest settings seem to be erased.

On the positive side, I can hear stations on HF so the receiver is working.

What the heck just happened? something trigger a complete reset?

I searched the forum but did not find anything on this. Oh boy is this going to be a pain to try to get all those settings back!

Peter Lee
K8ACS

[Non-text portions of this message have been removed]

31091. MARS Mod Not Working...

Yahoo group: FT897 (2010)
Date: 2010-09-06 23:42:45 UTC
From: cfs733
Topic: 31091 Message: 31091

I did the MARS mod on my '897 and find (after a nerve racking solder bridging exercise) that I get 'TX Error' when I key a MARS frequency. I did the mod a while ago, so I need to find the information that I used to do the modification. Although I'm quite sure I did it correctly, perhaps there is something left I didn't do.

Any information would be greatly appreciated!

Charles

31092. Re: [FT897] MARS Mod Not Working...

Yahoo group: FT897 (2010)
Date: 2010-09-07 00:02:28 UTC
From: Bob Jones
Topic: 31091 Message: 31092

Hi Charles,

Did you do the reset?

Bob
W4LCS/AAR4LB

--- On Mon, 9/6/10, cfs733 <wg6cfs_77@...> wrote:

From: cfs733 <wg6cfs_77@...>
Subject: [FT897] MARS Mod Not Working...
To: FT897@yahoogroups.com
Date: Monday, September 6, 2010, 6:42 PM

I did the MARS mod on my '897 and find (after a nerve racking solder bridging exercise) that I get 'TX Error' when I key a MARS frequency. I did the mod a while ago, so I need to find the information that I used to do the modification. Although I'm quite sure I did it correctly, perhaps there is something left I didn't do.

Any information would be greatly appreciated!

Charles

[Non-text portions of this message have been removed]

31093. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 00:03:48 UTC
From: pascalpete
Topic: 31087 Message: 31093

Well...given the fact that I just spent over an hour=s recovering some of the settings...then had the same blasted thing happen to me again when I when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect you may be right.

Guess I'll have to figure out if I lost my ground or something.

Any suggestions appreciated.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:
>
> Sounds to me like you may have gotten a little RF feedback.
>
>
>
> 73 Matt
>
> W5LL
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> pascalpete
> Sent: Monday, September 06, 2010 5:30 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] What the @#$% just happened?
>
>
>
>
>
>
> Okay, so I FINALLY get some vacation...get a few minutes to play with the
> radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> months.
>
> Earlier today I was on a 2-meter repeater, and this evening jumped on to try
> an HF contact (haven't had on in a while). Was unsuccessful a few times,
> switched over to 20 meters, tuned up, found a free frequency and tried a CQ
> call.
>
> The radio shut-off (powered down completely), then in a second or two
> powered back up with a pink screen and what appears to be all settings lost.
> All memories are gone, even the simplest settings seem to be erased.

>
> On the positive side, I can hear stations on HF so the receiver is working.
>
> What the heck just happened? something trigger a complete reset?
>
> I searched the forum but did not find anything on this. Oh boy is this going
> to be a pain to try to get all those settings back!
>
> Peter Lee
> K8ACS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31094. Re: [FT897] Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 00:27:28 UTC
From: af2c@njdxa.org
Topic: 31087 Message: 31094

Peter -

As a point of interest, there has been some issues with the LDG-897. Most reviews have been positive, but a few may relate to the problems you are having:

http://www.eham.net/reviews/detail/3265

We bought a LDG YT-100 for use on Field Day. It performed flawlessly. However there is difference in price...It's worth it.

http://www.eham.net/reviews/detail/8322

73,
Jay/AF2C

At 12:03 AM 9/7/2010 +0000, you wrote:
>
>
>Well...given the fact that I just spent over an hour=s recovering some of
>the settings...then had the same blasted thing happen to me again when I
>when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect
>you may be right.
>
>Guess I'll have to figure out if I lost my ground or something.
>
>Any suggestions appreciated.
>
>Peter Lee
>K8ACS
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Matt
>Patterson" <mattpatt@...> wrote:
> >
> > Sounds to me like you may have gotten a little RF feedback.
> >
> >
> >
> > 73 Matt
> >
> > W5LL
> >
> >
> >
> > From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> [mailto:FT897@yahoogroups.com] On Behalf Of

> > pascalpete
> > Sent: Monday, September 06, 2010 5:30 PM
> > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > Subject: [FT897] What the @#$% just happened?
> >
> >
> >
> >
> >
> > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> > months.
> >
> > Earlier today I was on a 2-meter repeater, and this evening jumped on
> to try
> > an HF contact (haven't had on in a while). Was unsuccessful a few times,
> > switched over to 20 meters, tuned up, found a free frequency and tried a CQ
> > call.
> >
> > The radio shut-off (powered down completely), then in a second or two
> > powered back up with a pink screen and what appears to be all settings
> lost.
> > All memories are gone, even the simplest settings seem to be erased.
> >
> > On the positive side, I can hear stations on HF so the receiver is working.
> >
> > What the heck just happened? something trigger a complete reset?
> >
> > I searched the forum but did not find anything on this. Oh boy is this
> going
> > to be a pain to try to get all those settings back!
> >
> > Peter Lee
> > K8ACS
> >
> >
> >

[Non-text portions of this message have been removed]

31095. Re: [FT897] What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 02:57:45 UTC
From: Patrick
Topic: 31087 Message: 31095

Sounds like RF feedback reset the 897.............Patrick KI8UM

On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@...>wrote:

>
>
> Okay, so I FINALLY get some vacation...get a few minutes to play with the
> radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> months.
>
> Earlier today I was on a 2-meter repeater, and this evening jumped on to
> try an HF contact (haven't had on in a while). Was unsuccessful a few times,
> switched over to 20 meters, tuned up, found a free frequency and tried a CQ
> call.
>
> The radio shut-off (powered down completely), then in a second or two
> powered back up with a pink screen and what appears to be all settings lost.
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> What the heck just happened? something trigger a complete reset?
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> I searched the forum but did not find anything on this. Oh boy is this
> going to be a pain to try to get all those settings back!
>
> Peter Lee
> K8ACS
>
>
>

[Non-text portions of this message have been removed]

31096. Re: [FT897] What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 06:58:37 UTC
From: Bernard
Topic: 31087 Message: 31096

Maybe try it with low power.
Guess the RF shouldn't be there when using 5 watts.
Also try without turner.
The autoturners for the FT897 are nice,but you are not able to bypass it.
I have no autoturner but a MFJ-949D...
I never use it,my antenna's are good enought,the worst SWR is around 1:2.0.
Maybe you get the RF from the small kabel between radio and Turner.
I would try the radio on low power and also without turner,see what happens
then.

Good Luck.

☐ ☐
73's and Good Health and DX

Bernard de PD7BZ
http://www.pd7bz.nl
DMC #1161 - EPC #3647 NL01
QSL via LoTW , Buro , Direct , eQSL
-------Original Message-------

From: Patrick
Date: 7-9-2010 4:57:50
To: FT897@yahoogroups.com
Subject: Re: [FT897] What the @#$% just happened?

Sounds like RF feedback reset the 897..............Patrick KI8UM

On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@isshomefront
com>wrote:

>
>
> Okay, so I FINALLY get some vacation...get a few minutes to play with the
> radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> months.
>
> Earlier today I was on a 2-meter repeater, and this evening jumped on to
> try an HF contact (haven't had on in a while). Was unsuccessful a few
times,
> switched over to 20 meters, tuned up, found a free frequency and tried a
CQ
> call.
>
> The radio shut-off (powered down completely), then in a second or two
> powered back up with a pink screen and what appears to be all settings

lost.
> All memories are gone, even the simplest settings seem to be erased.
>
> On the positive side, I can hear stations on HF so the receiver is working

>
> What the heck just happened? something trigger a complete reset?
>
> I searched the forum but did not find anything on this. Oh boy is this
> going to be a pain to try to get all those settings back!
>
> Peter Lee
> K8ACS
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Geen virus gevonden in het binnenkomende-bericht.
Gecontroleerd door AVG - www.avg.com
Versie: 9.0.851 / Virusdatabase: 271.1.1/3117 - datum van uitgifte: 09/06/10
08:35:00

[Non-text portions of this message have been removed]

31097. Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-07 10:33:27 UTC
From: KB1TCD
Topic: 31087 Message: 31097

Hi all.

Our shack is on the second floor, which poses a grounding problem of its own. To address this we bought an MFJ-931 Artificial Ground, which has helped a lot, especially on our Eagle GAP vertical antenna on 20 and 30m and on 80m on the Alpha Delta Sloper antenna.
A couple of weeks ago I got a Dell Inspiron 1501 Vista laptop back from my daughter, it has an aftermarker charger that actually won't charge the laptop but keeps its running. The Systemax XP pro laptop I was using has a hard time keeping the wireless connection going in the shack, so I switched it w/the Dell.

Been doing a lot of digital as of late and noticed that conditions where deteriorating fast.
With hurricane Earl, which was a non-event here in Maine, I had disconnected anything Friday before we left the house.
Re-connecting Sat morning I tried voice on 20m, made a DX contact straight away, when I proceeded to hook up the laptop, everything just about dissapeared into noise. Unpluged laptop, back to normal.

Noise the same on both HF rigs, the 897D coupled to an LDG 897 tuner and the Kenwood TS-520.
We have a similar Dell laptop, used it's charger and everything is back to normal.
Doesn't matter where in the house we plug in the after market charger, unbearable noise returns.
I have ordered a Dell charger and unplug the laptop while working stations for now.

So, warning, if anyone has a Dell laptop, avoid getting an aftermarket charger, apparently a lot of them won't charge as Dell laptop won't recognise the charger, and they make radio life unberable.

73 de Jose Douglas - KB1TCD

[Non-text portions of this message have been removed]

31098. Re: Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-07 10:56:36 UTC
From: Hank
Topic: 31087 Message: 31098

Jose,

I will take your great advise one step further. When ordering a replacement charger for your Dell laptop, make sure you order the exact part number. I have found that not all Dell chargers will work with all Dell laptops, even if the voltage, current, polarity, and plug all match. Sometimes they work, sometimes they will power up the laptop but not charge (like yourself), and other times they won't even power the laptop up.

Hank / KB4MTO

--- In FT897@yahoogroups.com, KB1TCD <josedouglas@...> wrote:
>

> So, warning, if anyone has a Dell laptop, avoid getting an aftermarket charger,
> apparently a lot of them won't charge as Dell laptop won't recognise the
> charger, and they make radio life unberable.
>
> 73 de Jose Douglas - KB1TCD

31099. RE: [FT897] Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-07 10:23:45 UTC
From: davekh@cix.co.uk
Topic: 31087 Message: 31099

Hi Jose
I had a similar problem but mine was from a TFT Dell monitor - I noticed mine when I began to use a 50mhz beam which was
on a mast close to the room the radio is in - when I went out and pointed ther beam over the room noise when up - more
so on 50mhz than other frequencies, but certainly is all over the place one HF and even upto 2meters.

Just moving the monitor further away from the radio helped- its not so bad on HF as to stop contact, but very very weak
stations on rtty and psk are effected by it. I try to log 6meter contests on paper to save the problem now.

Does the noise show up on your waterfall as lots of lines?
What kind of interface are you using (if no interface it may be better to use one to separate the laptop circuits from
the radio).

I don't use the artificial ground - but maybe moving that away or nearer may help - or try moving the aerial coax and
interface leads around as well - you might reduce it that way simply first?

73s Dave H G0CER

==========
Original Message

Hi all.

Our shack is on the second floor, which poses a grounding problem of its own.
To address this we bought an MFJ-931 Artificial Ground, which has helped a lot,
especially on our Eagle GAP vertical antenna on 20 and 30m and on 80m on the
Alpha Delta Sloper antenna.
A couple of weeks ago I got a Dell Inspiron 1501 Vista laptop back from my
daughter, it has an aftermarker charger that actually won't charge the laptop
but keeps its running. The Systemax XP pro laptop I was using has a hard time
keeping the wireless connection going in the shack, so I switched it w/the Dell.

Been doing a lot of digital as of late and noticed that conditions where
deteriorating fast.
With hurricane Earl, which was a non-event here in Maine, I had disconnected
anything Friday before we left the house.
Re-connecting Sat morning I tried voice on 20m, made a DX contact straight away,
when I proceeded to hook up the laptop, everything just about dissapeared into
noise. Unpluged laptop, back to normal.

Noise the same on both HF rigs, the 897D coupled to an LDG 897 tuner and the Kenwood TS-520.
We have a similar Dell laptop, used it's charger and everything is back to normal.
Doesn't matter where in the house we plug in the after market charger, unbearable noise returns.
I have ordered a Dell charger and unplug the laptop while working stations for now.

So, warning, if anyone has a Dell laptop, avoid getting an aftermarket charger, apparently a lot of them won't charge as Dell laptop won't recognise the charger, and they make radio life unberable.

73 de Jose Douglas - KB1TCD

[Non-text portions of this message have been removed]

Yahoo! Groups Links

31100. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 11:48:12 UTC
From: webfootwandere
Topic: 31087 Message: 31100

Peter-

Sorry for your difficulty and while this is not a solution to your particular problem, I hope you find it helpful for the future!

See Message # 18653.

Sooner or later, we all do a "hard reset." So be prepared! And thanks for posting - it reminded me to update my file!

Rick - N7WE (formerly AI4LG)

31101. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 13:29:05 UTC
From: pascalpete
Topic: 31087 Message: 31101

Jay,

Thanks for the heads-up. I gave a quick skim of the reviews (I had read them before buying it) but did not see anything at first glance that looked like what I have happening.

However...

One of my first thoughts when the radio reset was that I needed to take a close look at the tuner.

The tuner has functioned flawlessly thus far. Of course, that isn't proof positive that it didn't flake out all of a sudden.

I'll keep that in mind.

For the time being, I am going to try going back to 20 meters and reducing power and see what that does for me. I just don't know what conditions can trigger a reset (short of the manual input sequence).

My ground outside appears to be intact on my grounding rod, so I am puzzled.

However, someone mentioned maybe RF in the shack. Well, the antenna passes along the opposite side of the wall where the radio is. However, after 6 months of operations with no problems, I re-oriented the antenna in such a way as to actually put MORE distance between the pole and the house. Now this happens. Really weird.

Well, I guess I get to investigate this. Too bad I was looking forward to the first time I'd have time actually USING the thing with lots of time.

Alas, hopefully I'll come out of this a bit smarter about how the equipment and antenna all works.

Thanks again for your input.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Peter -
>
> As a point of interest, there has been some issues with the LDG-897. Most
> reviews have been positive, but a few may relate to the problems you are
> having:
>
> http://www.eham.net/reviews/detail/3265
>
> We bought a LDG YT-100 for use on Field Day. It performed

> flawlessly. However there is difference in price...It's worth it.
>
> http://www.eham.net/reviews/detail/8322
>
> 73,
> Jay/AF2C
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>
> At 12:03 AM 9/7/2010 +0000, you wrote:
> >
> >
> >Well...given the fact that I just spent over an hour=s recovering some of
> >the settings...then had the same blasted thing happen to me again when I
> >when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect
> >you may be right.
> >
> >Guess I'll have to figure out if I lost my ground or something.
> >
> >Any suggestions appreciated.
> >
> >Peter Lee
> >K8ACS
> >
> >--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Matt
> >Patterson" <mattpatt@> wrote:
> > >
> > > Sounds to me like you may have gotten a little RF feedback.
> > >
> > >
> > >
> > > 73 Matt
> > >
> > > W5LL
> > >
> > >
> > >
> > > From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > [mailto:FT897@yahoogroups.com] On Behalf Of
> > > pascalpete
> > > Sent: Monday, September 06, 2010 5:30 PM
> > > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > > Subject: [FT897] What the @#$% just happened?
> > >
> > >
> > >
> > >
> > >
> > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner

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> > > months.
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> > > What the heck just happened? something trigger a complete reset?
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> > > I searched the forum but did not find anything on this. Oh boy is this
> > going
> > > to be a pain to try to get all those settings back!
> > >
> > > Peter Lee
> > > K8ACS
> > >
> > >
> > >
>
>
>
> [Non-text portions of this message have been removed]
>

31102. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 13:30:37 UTC
From: pascalpete
Topic: 31087 Message: 31102

Is this a common thing (RF feedback resetting the radio)? I've never heard of such a thing before. I mean, RF in the shack causing problems...yeah...but resetting the radio? That seems awfully...well...deliberate.

Are these radios build/programmed to reset upon large RF fields close by?

Thanks.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, Patrick <milw156@...> wrote:
>
> Sounds like RF feedback reset the 897.............Patrick KI8UM
>
> On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@...>wrote:
>
> > >
> > >
> > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
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> > > Peter Lee
> > > K8ACS
> > >
> > >
> > >
> >

>
> [Non-text portions of this message have been removed]
>

31103. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 13:31:46 UTC
From: pascalpete
Topic: 31087 Message: 31103

Thanks...will give that a try at first opportunity. Makes sense.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "Bernard" <berny@...> wrote:
>
> Maybe try it with low power.
> Guess the RF shouldn't be there when using 5 watts.
> Also try without turner.
> The autoturners for the FT897 are nice,but you are not able to bypass it.
> I have no autoturner but a MFJ-949D...
> I never use it,my antenna's are good enought,the worst SWR is around 1:2.0.
> Maybe you get the RF from the small kabel between radio and Turner.
> I would try the radio on low power and also without turner,see what happens
> then.
>
> Good Luck.
>
> ï»¿ ï»¿
> 73's and Good Health and DX
>
> Bernard de PD7BZ
> http://www.pd7bz.nl
> DMC #1161 - EPC #3647 NL01
> QSL via LoTW , Buro , Direct , eQSL
> -------Original Message-------
>
> From: Patrick
> Date: 7-9-2010 4:57:50
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] What the @#$% just happened?
>
> Sounds like RF feedback reset the 897.............Patrick KI8UM
>
> On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@isshomefront
> com>wrote:
>
> >
> >
> > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
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> > Peter Lee
> > K8ACS
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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> --
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>
> Geen virus gevonden in het binnenkomende-bericht.
> Gecontroleerd door AVG - www.avg.com
> Versie: 9.0.851 / Virusdatabase: 271.1.1/3117 - datum van uitgifte: 09/06/10
> 08:35:00
>
>
> [Non-text portions of this message have been removed]
>

31104. Re: [FT897] Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-07 13:58:11 UTC
From: KB1TCD
Topic: 31087 Message: 31104

Dave,

The laptop itself is not causing any problems, if I disconnect the charger, everything behaves properly, if I use the charger for our other Dell laptop it behaves fine as well. If I use aftermarket charger on either the laptop in the shack or the other Dell laptop anywhere else in the house, I get noise on voice as well as on the waterfall as steady blue covering the waterfall.
Aftermarket charger is random, btw, right now it's charging the laptop, most of the time it will not.
Laptops do freeze up at times if I'm transmiting on 80 metres and try to move the mouse.
Perhaps what I need is an exorcist...
The antennas ARE too close to the house, in fact they are attached to the side of the house and I have all my coax up in the attic then going down to the shack from there. I realise that having antennas too close to the house can cause problems as well.

Digitally I usually do Olivia 8/500, MT63-500, and MFSK-16.
Also do a lot with Winmor RMS (Winlink)

I use a Signalink USB, the FT-897D and the LDG AT-897 Plus tuner.
The MFJ-931 Artificial Ground is attached to the LDG tuner and a counterpoise wire of about 160 ft is spread out over the floor of the shack.
For voice we also use a Kenwood TS-520 w/tube finals.

Our Alpha Delta DX-B sloper is not supposed to work w/o a capacitance hat, but the counterpoises on the GAP Eagle vertical seem to be serving as a cap hat of sorts.

Cheers!

...and 73 de Jose Douglas - KB1TCD

From: "davekh@..." <davekh@...>
To: josedouglas@...; FT897@yahoogroups.com
Cc: davekh@...
Sent: Tue, September 7, 2010 6:23:45 AM
Subject: RE: [FT897] Laptop interference

Hi Jose
I had a similar problem but mine was from a TFT Dell monitor - I noticed mine when I began to use a 50mhz beam which was
on a mast close to the room the radio is in - when I went out and pointed ther beam over the room noise when up - more
so on 50mhz than other frequencies, but certainly is all over the place one HF and even upto 2meters.

Just moving the monitor further away from the radio helped- its not so bad on HF as to stop contact, but very very weak
stations on rtty and psk are effected by it. I try to log 6meter contests on paper to save the problem now.

Does the noise show up on your waterfall as lots of lines?
What kind of interface are you using (if no interface it may be better to use one to separate the laptop circuits from
the radio).

I don't use the artificial ground - but maybe moving that away or nearer may help - or try moving the aerial coax and
interface leads around as well - you might reduce it that way simply first?

73s Dave H G0CER

==========
Original Message

Hi all.

Our shack is on the second floor, which poses a grounding problem of its own.
To address this we bought an MFJ-931 Artificial Ground, which has helped a lot, especially on our Eagle GAP vertical antenna on 20 and 30m and on 80m on the Alpha Delta Sloper antenna.
A couple of weeks ago I got a Dell Inspiron 1501 Vista laptop back from my daughter, it has an aftermarker charger that actually won't charge the laptop but keeps its running. The Systemax XP pro laptop I was using has a hard time keeping the wireless connection going in the shack, so I switched it w/the Dell.

Been doing a lot of digital as of late and noticed that conditions where deteriorating fast.
With hurricane Earl, which was a non-event here in Maine, I had disconnected anything Friday before we left the house.
Re-connecting Sat morning I tried voice on 20m, made a DX contact straight away,

when I proceeded to hook up the laptop, everything just about dissapeared into noise. Unpluged laptop, back to normal.

Noise the same on both HF rigs, the 897D coupled to an LDG 897 tuner and the Kenwood TS-520.
We have a similar Dell laptop, used it's charger and everything is back to normal.
Doesn't matter where in the house we plug in the after market charger, unbearable noise returns.
I have ordered a Dell charger and unplug the laptop while working stations for now.

So, warning, if anyone has a Dell laptop, avoid getting an aftermarket charger, apparently a lot of them won't charge as Dell laptop won't recognise the charger, and they make radio life unberable.

73 de Jose Douglas - KB1TCD

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31105. Re: [FT897] Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 14:10:18 UTC
From: af2c@njdxa.org
Topic: 31087 Message: 31105

Peter -

If the tuner is having a tough time seeking and finding a match, or under higher power, the match changes due to heating in the tuner...You might develop RF in the shack which would cause problems.

The feeling that I got was that YT-100 was a better built unit and gave a better performance under conditions of High SWR. Under all conditions a good ground is a must.

73,
Jay/AF2C

At 01:29 PM 9/7/2010 +0000, you wrote:
>
>
>Jay,
>
>Thanks for the heads-up. I gave a quick skim of the reviews (I had read
>them before buying it) but did not see anything at first glance that
>looked like what I have happening.
>
>However...
>
>One of my first thoughts when the radio reset was that I needed to take a
>close look at the tuner.
>
>The tuner has functioned flawlessly thus far. Of course, that isn't proof
>positive that it didn't flake out all of a sudden.
>
>I'll keep that in mind.
>
>For the time being, I am going to try going back to 20 meters and reducing
>power and see what that does for me. I just don't know what conditions can
>trigger a reset (short of the manual input sequence).
>
>My ground outside appears to be intact on my grounding rod, so I am puzzled.
>
>However, someone mentioned maybe RF in the shack. Well, the antenna passes
>along the opposite side of the wall where the radio is. However, after 6
>months of operations with no problems, I re-oriented the antenna in such a
>way as to actually put MORE distance between the pole and the house. Now
>this happens. Really weird.
>
>Well, I guess I get to investigate this. Too bad I was looking forward to
>the first time I'd have time actually USING the thing with lots of time.

>
>Alas, hopefully I'll come out of this a bit smarter about how the
>equipment and antenna all works.
>
>Thanks again for your input.
>
>Peter Lee
>K8ACS
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, af2c@... wrote:
> >
> > Peter -
> >
> > As a point of interest, there has been some issues with the LDG-897. Most
> > reviews have been positive, but a few may relate to the problems you are
> > having:
> >
> >
> <http://www.eham.net/reviews/detail/3265>http://www.eham.net/reviews/detail/3265
> >
> > We bought a LDG YT-100 for use on Field Day. It performed
> > flawlessly. However there is difference in price...It's worth it.
> >
> >
> <http://www.eham.net/reviews/detail/8322>http://www.eham.net/reviews/detail/8322
> >
> > 73,
> > Jay/AF2C
> >
> >
> >
> > At 12:03 AM 9/7/2010 +0000, you wrote:
> > >
> > >
> > >Well...given the fact that I just spent over an hour=s recovering some of
> > >the settings...then had the same blasted thing happen to me again when I
> > >when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I
> suspect
> > >you may be right.
> > >
> > >Guess I'll have to figure out if I lost my ground or something.
> > >
> > >Any suggestions appreciated.
> > >
> > >Peter Lee
> > >K8ACS
> > >
> > >--- In
> <mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com,
> "Matt

> > >Patterson" <mattpatt@> wrote:
> > > >
> > > > Sounds to me like you may have gotten a little RF feedback.
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> > > >
> > > >
> > > > 73 Matt
> > > >
> > > > W5LL
> > > >
> > > >
> > > >
> > > > From:
> <mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>
> > > [mailto:FT897@yahoogroups.com] On Behalf Of
> > > > pascalpete
> > > > Sent: Monday, September 06, 2010 5:30 PM
> > > > To:
> <mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > > > Subject: [FT897] What the @#$% just happened?
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Okay, so I FINALLY get some vacation...get a few minutes to play
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> > > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > > > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
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> > > >
> > > > Earlier today I was on a 2-meter repeater, and this evening jumped on
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> > > > I searched the forum but did not find anything on this. Oh boy is this
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> > [Non-text portions of this message have been removed]
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31106. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 15:21:44 UTC
From: William
Topic: 31087 Message: 31106

Bad RF or power. Could be the jumper coax, the antenna, the power supply... or a combination. You didn't mention if you were using a diplexer or if that was attached properly.

My AT 897 had loose so-239's on the rear panel. Had to removed cover and carefully tighten them.. but no bad experience since then.

I would suggest trying HF at very low power and working up .. carefully watching SWR [on 897 panel if no meter available]. Anything over 3:1 will generally cause a shutdown.

PS-- I do assume you are using a powerful-enough power supply. Inadequate amps would also cause the same type of problem.

Good luck and be careful. I blew out my finals once as new ham by not carefully checking all the cables and watching the SWR.

73,

Bill W1WAB

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Well...given the fact that I just spent over an hour=s recovering some of the settings...then had the same blasted thing happen to me again when I when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect you may be right.
>
> Guess I'll have to figure out if I lost my ground or something.
>
> Any suggestions appreciated.
>
> Peter Lee
> K8ACS
>
> --- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@> wrote:
> >
> > Sounds to me like you may have gotten a little RF feedback.
> >
> >
> >
> > 73 Matt
> >
> > W5LL
> >
> >
> >
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > pascalpete

> > Sent: Monday, September 06, 2010 5:30 PM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] What the @#$% just happened?
> >
> >
> >
> >
> >
> > Okay, so I FINALLY get some vacation...get a few minutes to play with the
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> > Earlier today I was on a 2-meter repeater, and this evening jumped on to try
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> > The radio shut-off (powered down completely), then in a second or two
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> > On the positive side, I can hear stations on HF so the receiver is working.
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> > What the heck just happened? something trigger a complete reset?
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> > Peter Lee
> > K8ACS
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

31107. Re: [FT897] Re: What the @#$% just happened?- SOFTWARE

Yahoo group: FT897 (2010)
Date: 2010-09-07 19:51:11 UTC
From: Stanton Royce
Topic: 31087 Message: 31107

Regarding your question about software for FT-897D, there are two types, programming/ set up and operation/ control.

For programming, I'm using ADMS-4B with the USB cable. It is important to read the software use instructions because the default mode for the software is to ONLY REMEMBER FREQUENCIES AND NOT SETTINGS which are different from default FT-897D settings. That means if you have a radio reset all this software will help with is restoring freuencies in memory, not other radio settings. You have to click a box in the software if you want it to remember radio settings. The down side of remembering settings is, there does not appear to be a sync option, either what is in the software on the PC over rides the xcvr or visa versa when you do a data transfer. When you read the software set up instructions this will be clear to you.

For operating software, I started with the free Ham Radio Deluxe, continue to use it and have not tried any of the other operating software. You can search online for "ham radio software reviews" to learn what are your options, or maybe others here will teach both of us something about this!

73

Stanton Royce AE5UE

From: pascalpete <YahooGroups@isshomefront.com>
To: FT897@yahoogroups.com
Sent: Mon, September 6, 2010 5:01:10 PM
Subject: [FT897] Re: What the @#$% just happened?

Well...on the positive side...as I reset the settings (started with a local FM repeater) the radio appears to be working. Haven't tested on HF yet. Looks like the radio went through a factory reset. Not sure why.

I'm new as a HAM and this radio is new to me as well.

I have the CAT cable but I don't have any software for imaging the settings on the radio. I see a few software packages on Google for this purpose but would appreciate any recommendations.

Thanks.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Okay, so I FINALLY get some vacation...get a few minutes to play with the
>radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner hooked

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>HF contact (haven't had on in a while). Was unsuccessful a few times, switched
>over to 20 meters, tuned up, found a free frequency and tried a CQ call.
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>back up with a pink screen and what appears to be all settings lost. All
>memories are gone, even the simplest settings seem to be erased.
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>be a pain to try to get all those settings back!
>
> Peter Lee
> K8ACS
>

[Non-text portions of this message have been removed]

31108. Re: [FT897] Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 20:29:08 UTC
From: Stanton Royce
Topic: 31087 Message: 31108

Did this happen right after you moved the antenna a llittle further away from the pole and the house, from the shack? It is possible this change positioned the radio (and or operator) in a stronger RF or magnetic field or caused RF to circulate somehow in the shack where it was not present or not present at the current strength, before the antenna was repositioned.

Stanton Royce AE5UE

From: pascalpete <YahooGroups@...>
To: FT897@yahoogroups.com
Sent: Tue, September 7, 2010 7:29:05 AM
Subject: [FT897] Re: What the @#$% just happened?

Jay,

Thanks for the heads-up. I gave a quick skim of the reviews (I had read them before buying it) but did not see anything at first glance that looked like what I have happening.

However...

One of my first thoughts when the radio reset was that I needed to take a close look at the tuner.

The tuner has functioned flawlessly thus far. Of course, that isn't proof positive that it didn't flake out all of a sudden.

I'll keep that in mind.

For the time being, I am going to try going back to 20 meters and reducing power and see what that does for me. I just don't know what conditions can trigger a reset (short of the manual input sequence).

My ground outside appears to be intact on my grounding rod, so I am puzzled.

However, someone mentioned maybe RF in the shack. Well, the antenna passes along the opposite side of the wall where the radio is. However, after 6 months of operations with no problems, I re-oriented the antenna in such a way as to actually put MORE distance between the pole and the house. Now this happens. Really weird.

Well, I guess I get to investigate this. Too bad I was looking forward to the first time I'd have time actually USING the thing with lots of time.

Alas, hopefully I'll come out of this a bit smarter about how the equipment and antenna all works.

Thanks again for your input.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Peter -
>
> As a point of interest, there has been some issues with the LDG-897. Most
> reviews have been positive, but a few may relate to the problems you are
> having:
>
> http://www.eham.net/reviews/detail/3265
>
> We bought a LDG YT-100 for use on Field Day. It performed
> flawlessly. However there is difference in price...It's worth it.
>
> http://www.eham.net/reviews/detail/8322
>
> 73,
> Jay/AF2C
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> At 12:03 AM 9/7/2010 +0000, you wrote:
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> >Well...given the fact that I just spent over an hour=s recovering some of
> >the settings...then had the same blasted thing happen to me again when I
> >when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect
> >you may be right.
> >
> >Guess I'll have to figure out if I lost my ground or something.
> >
> >Any suggestions appreciated.
> >
> >Peter Lee
> >K8ACS
> >
> >--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Matt
> >Patterson" <mattpatt@> wrote:
> > >
> > > Sounds to me like you may have gotten a little RF feedback.
> > >
> > >
> > >
> > > 73 Matt
> > >
> > > W5LL
> > >
> > >

> > >
> > > From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > [mailto:FT897@yahoogroups.com] On Behalf Of
> > > pascalpete
> > > Sent: Monday, September 06, 2010 5:30 PM
> > > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > > Subject: [FT897] What the @#$% just happened?
> > >
> > >
> > >
> > >
> > >
> > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> > > months.
> > >
> > > Earlier today I was on a 2-meter repeater, and this evening jumped on
> > to try
> > > an HF contact (haven't had on in a while). Was unsuccessful a few times,
> > > switched over to 20 meters, tuned up, found a free frequency and tried a
CQ
> > > call.
> > >
> > > The radio shut-off (powered down completely), then in a second or two
> > > powered back up with a pink screen and what appears to be all settings
> > lost.
> > > All memories are gone, even the simplest settings seem to be erased.
> > >
> > > On the positive side, I can hear stations on HF so the receiver is
working.
> > >
> > > What the heck just happened? something trigger a complete reset?
> > >
> > > I searched the forum but did not find anything on this. Oh boy is this
> > going
> > > to be a pain to try to get all those settings back!
> > >
> > > Peter Lee
> > > K8ACS
> > >
> > >
> > >
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>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31109. Re: [FT897] What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 22:02:34 UTC
From: Jerry McIntosh
Topic: 31087 Message: 31109

Sounds like RF feedback. You might need a current balum in line between the tuner and the antenna.

73, Jerry

From: Matt Patterson <mattpatt@...>
To: FT897@yahoogroups.com
Sent: Mon, September 6, 2010 6:15:42 PM
Subject: RE: [FT897] What the @#$% just happened?

Sounds to me like you may have gotten a little RF feedback.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@...m] On Behalf Of pascalpete
Sent: Monday, September 06, 2010 5:30 PM
To: FT897@yahoogroups.com
Subject: [FT897] What the @#$% just happened?

Okay, so I FINALLY get some vacation...get a few minutes to play with the radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner hooked to a G5RV-jr. Have had NO problems with this setup at all for 6 months.

Earlier today I was on a 2-meter repeater, and this evening jumped on to try an HF contact (haven't had on in a while). Was unsuccessful a few times, switched over to 20 meters, tuned up, found a free frequency and tried a CQ call.

The radio shut-off (powered down completely), then in a second or two powered back up with a pink screen and what appears to be all settings lost. All memories are gone, even the simplest settings seem to be erased.

On the positive side, I can hear stations on HF so the receiver is working.

What the heck just happened? something trigger a complete reset?

I searched the forum but did not find anything on this. Oh boy is this going to be a pain to try to get all those settings back!

Peter Lee
K8ACS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31110. Re: [FT897] Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-08 00:50:58 UTC
From: Bryce Anderson
Topic: 31087 Message: 31110

Peter,

For software I HIGHLY recommend Bob's Basic MMO.
http://www.g4hfq.co.uk

You can download it, set-up all the repeaters, and be in good shape if the reset happens again as you can reload everything with a few clicks.

Bob is very consumer fiendly.
I got a beautiful used 897 but the radio and computer were not able to communicate.
I knew the cable was good because it worked with my other 897.
Bob immediately replied to my e-mail and was able to diagnose the problem.

Diagnosis - No power at the CAT port because of a blown internal fuse
A USB cable would work, while the serial would not, because
it gets power from the computer.

http://www.g4hfq.co.uk/mmohelp/mmohelp.htm

On Mon, Sep 6, 2010 at 4:01 PM, pascalpete <YahooGroups@...>wrote:

>
>
> Well...on the positive side...as I reset the settings (started with a local
> FM repeater) the radio appears to be working. Haven't tested on HF yet.
> Looks like the radio went through a factory reset. Not sure why.
>
> I'm new as a HAM and this radio is new to me as well.
>
> I have the CAT cable but I don't have any software for imaging the settings
> on the radio. I see a few software packages on Google for this purpose but
> would appreciate any recommendations.
>
> Thanks.
>
> Peter Lee
> K8ACS
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pascalpete"
> <YahooGroups@...> wrote:
> >
> > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> months.

> >
> > Earlier today I was on a 2-meter repeater, and this evening jumped on to
> try an HF contact (haven't had on in a while). Was unsuccessful a few times,
> switched over to 20 meters, tuned up, found a free frequency and tried a CQ
> call.
> >
> > The radio shut-off (powered down completely), then in a second or two
> powered back up with a pink screen and what appears to be all settings lost.
> All memories are gone, even the simplest settings seem to be erased.
> >
> > On the positive side, I can hear stations on HF so the receiver is
> working.
> >
> > What the heck just happened? something trigger a complete reset?
> >
> > I searched the forum but did not find anything on this. Oh boy is this
> going to be a pain to try to get all those settings back!
> >
> > Peter Lee
> > K8ACS
> >
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

31111. Re: MARS Mod Not Working...

Yahoo group: FT897 (2010)
Date: 2010-09-08 02:38:48 UTC
From: cfs733
Topic: 31091 Message: 31111

I found the Mod instructions. I didn't do the F + V/M reset. (The radio has been unused since the mod, finally getting back to this particular 'brand-in-the-fire'). It now seems to be working. Starting to really appreciate what a nice little rig this is for the price. Just uploaded an RT Systems file for the radio. I'm a happy camper. Thanks for your responce!

Charles

--- In FT897@yahoogroups.com, Bob Jones <lcsd512@...> wrote:
>
> Hi Charles,
> Â
> Did you do the reset?
> Â
> Bob
> W4LCS/AAR4LB
>
>
> --- On Mon, 9/6/10, cfs733 <wg6cfs_77@...> wrote:
>
>
> From: cfs733 <wg6cfs_77@...>
> Subject: [FT897] MARS Mod Not Working...
> To: FT897@yahoogroups.com
> Date: Monday, September 6, 2010, 6:42 PM
>
>
> Â
>
>
>
> I did the MARS mod on my '897 and find (after a nerve racking solder bridging exercise) that I get 'TX Error' when I key a MARS frequency. I did the mod a while ago, so I need to find the information that I used to do the modification. Although I'm quite sure I did it correctly, perhaps there is something left I didn't do.
>
> Any information would be greatly appreciated!
>
> Charles
>
>
>
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>
>

>
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>
> [Non-text portions of this message have been removed]
>

31112. FS FT897 - Price reduced

Yahoo group: FT897 (2010)
Date: 2010-09-08 09:35:08 UTC
From: David F. Reed
Topic: 31112 Message: 31112

I am selling my FT-897D, with LDG AT-897Plus tuner, internal batteries and charger, and LDG external S-Meter.
Has MARS mod done. FP-30 optional internal power supply (fits in battery space; cannot do both at once) as well.

I am hoping to get $1000 for all (list totals over $1600), Shipping included.

If interested, please contact me directly at w5sv.dave@...

TNX & 73 de Dave, W5SV

[Non-text portions of this message have been removed]

31113. Re: Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-09 01:28:01 UTC
From: ke7adu
Topic: 31087 Message: 31113

I had the same problem with a third party charger for my MacBook. Charger works great but it spews RF. I purchased a real Apple charger and no more issues. Once again proving you get what you pay for.

I was able to quiet the other charger by using several ferite beads.

Anthony
AE7HS

--- In FT897@yahoogroups.com, KB1TCD <josedouglas@...> wrote:
>
> Hi all.
>
> Our shack is on the second floor, which poses a grounding problem of its own.
> To address this we bought an MFJ-931 Artificial Ground, which has helped a lot,
> especially on our Eagle GAP vertical antenna on 20 and 30m and on 80m on the
> Alpha Delta Sloper antenna.
> A couple of weeks ago I got a Dell Inspiron 1501 Vista laptop back from my
> daughter, it has an aftermarker charger that actually won't charge the laptop
> but keeps its running. The Systemax XP pro laptop I was using has a hard time
> keeping the wireless connection going in the shack, so I switched it w/the Dell.
>
> Been doing a lot of digital as of late and noticed that conditions where
> deteriorating fast.
> With hurricane Earl, which was a non-event here in Maine, I had disconnected
> anything Friday before we left the house.
> Re-connecting Sat morning I tried voice on 20m, made a DX contact straight away,
> when I proceeded to hook up the laptop, everything just about dissapeared into
> noise. Unpluged laptop, back to normal.
>
> Noise the same on both HF rigs, the 897D coupled to an LDG 897 tuner and the
> Kenwood TS-520.
> We have a similar Dell laptop, used it's charger and everything is back to
> normal.
> Doesn't matter where in the house we plug in the after market charger,
> unbearable noise returns.
> I have ordered a Dell charger and unplug the laptop while working stations for
> now.
>
> So, warning, if anyone has a Dell laptop, avoid getting an aftermarket charger,
> apparently a lot of them won't charge as Dell laptop won't recognise the
> charger, and they make radio life unberable.
>
> 73 de Jose Douglas - KB1TCD
>
>

>
>
> [Non-text portions of this message have been removed]
>

31114. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-07 13:40:17 UTC
From: storygene
Topic: 31087 Message: 31114

Peter -
I did not see anyone mention making a simple choke balun out of coax. This is a very effective way to stop RF current from going backward in your antenna cable to the radio. If you are having RF current issues, this can be the solution. And make sure you have a true and proper station ground.

Rather than re-invent the wheel, see http://www.hamuniverse.com/balun.html
for various examples of making this type of balun. You might have most of the materials around your place but in any event, making these are cheap and very effective.

Gene / KI6SXW

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Thanks...will give that a try at first opportunity. Makes sense.
>
> Peter Lee
> K8ACS
>
> --- In FT897@yahoogroups.com, "Bernard" <berny@> wrote:
> >
> > Maybe try it with low power.
> > Guess the RF shouldn't be there when using 5 watts.
> > Also try without turner.
> > The autoturners for the FT897 are nice,but you are not able to bypass it.
> > I have no autoturner but a MFJ-949D...
> > I never use it,my antenna's are good enought,the worst SWR is around 1:2.0.
> > Maybe you get the RF from the small kabel between radio and Turner.
> > I would try the radio on low power and also without turner,see what happens
> > then.
> >
> > Good Luck.
> >
> > ï»¿ ï»¿
> > 73's and Good Health and DX
> >
> > Bernard de PD7BZ
> > http://www.pd7bz.nl
> > DMC #1161 - EPC #3647 NL01
> > QSL via LoTW , Buro , Direct , eQSL
> > -------Original Message-------
> >
> > From: Patrick
> > Date: 7-9-2010 4:57:50
> > To: FT897@yahoogroups.com
> > Subject: Re: [FT897] What the @#$% just happened?

> >
> > Sounds like RF feedback reset the 897.............Patrick KI8UM
> >
> > On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@isshomefront
> > com>wrote:
> >
> > >
> > >
> > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> > > months.
> > >
> > > Earlier today I was on a 2-meter repeater, and this evening jumped on to
> > > try an HF contact (haven't had on in a while). Was unsuccessful a few
> > times,
> > > switched over to 20 meters, tuned up, found a free frequency and tried a
> > CQ
> > > call.
> > >
> > > The radio shut-off (powered down completely), then in a second or two
> > > powered back up with a pink screen and what appears to be all settings
> > lost.
> > > All memories are gone, even the simplest settings seem to be erased.
> > >
> > > On the positive side, I can hear stations on HF so the receiver is working
> > >
> > > >
> > > What the heck just happened? something trigger a complete reset?
> > > >
> > > I searched the forum but did not find anything on this. Oh boy is this
> > > going to be a pain to try to get all those settings back!
> > > >
> > > Peter Lee
> > > K8ACS
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> > > [Non-text portions of this message have been removed]
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> > > Yahoo! Groups Links
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> >
> > Geen virus gevonden in het binnenkomende-bericht.
> > Gecontroleerd door AVG - www.avg.com
> > Versie: 9.0.851 / Virusdatabase: 271.1.1/3117 - datum van uitgifte: 09/06/10
> > 08:35:00
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

31115. Display color menu #041 question

Yahoo group: FT897 (2010)
Date: 2010-09-01 20:47:56 UTC
From: mmeenan43
Topic: 31115 Message: 31115

When I enter Menu #041, the rig allows me to change the display color, but nothing else. In other words, I can choose FIX 1-32, but am not offered BAND, ARTS or any other choices supposedly available under this menu item -- can't get out of FIX. Am I missing something?

Mike, ND6MM

31116. Re: Tuners? FT-meter?

Yahoo group: FT897 (2010)
Date: 2010-09-02 20:17:39 UTC
From: mmeenan43
Topic: 31077 Message: 31116

I have a YT-100 which I just got a couple of weeks ago.This one fits nicely on top of the 897 -- I didn't like the shape of the bolt-on version. Also, the YT-100 lowers the output power of the 897 as it tunes and then restores it to full power when done. I think with the AT-100, you might have lower the power manually, which is a bit of a pain with the menu, until the AT-100 "memorizes" your frequencies. You will, of course, need to get a meter to use with the 897 if you get the YT-100. The FT meter is a good choice unless you want cross-needle display.

Mike, ND6MM.

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
> Well I am looking at tuners to make life easier. I see the AT-100pro is nice with built in meters, the AT-897 is a good bolt on and the YT-100 seems to be a bare bones Yaesu tuner.
>
> Each has it's appeal but I kind of like the AT-100's ability to work with any radio, I like the bolt on AT-897 for portability.
>
> This would be my first tuner to be used with my SuperAntenna. I could get the 897 and the FT-meter to make things easier to see I guess?
>
> Suggestions??
>

31117. Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-06 23:23:14 UTC
From: mmeenan43
Topic: 31117 Message: 31117

I'm trying to get the 897 to change display color when I switch bands, but when I go to Menu 041, the only choice I am given is FIX and choosing colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What am I missing?

Mike, ND6MM

31118. FT-897d and FC-30 AT

Yahoo group: FT897 (2010)
Date: 2010-09-03 17:03:16 UTC
From: wr645891
Topic: 31118 Message: 31118

Need some advice I bought a new FC-89d with add on auto-tuner and a MFJ hi-q loop antenna (MFJ-1786) and 2 hamsticks 75 m. and 40 m.. I think I may have over bought but not certain. Do I need the auto-tuner with the hi-q loop antenna? And what about the hamsticks? I was going to put up a 6 ft. SS whip but being up on the 8`th loor it might be too flimsy.

Appreciate all the assistance. New to balcony antennas.

Wayne VE3JET

31119. 897D Stored radio now no audio

Yahoo group: FT897 (2010)
Date: 2010-09-04 04:04:08 UTC
From: beharper2007
Topic: 31119 Message: 31119

Ok, I have been on the road alot and had my 897D put up. I got it out the other day to work a little CW and decided to do a MARS/CAP mod. End result is no audio out of the speaker or the external speaker plug. Radio shows that it is transmitting as it should and works perfectly just no sound. Any ideas?

Regards
Ben
KD0HJN

31120. Using a Shure 444 Mike with an FT897

Yahoo group: FT897 (2010)
Date: 2010-09-08 15:52:02 UTC
From: OHM
Topic: 31120 Message: 31120

Hi everyone heres a question.

Has anyone wired up a Shure 444 mike to a Yaesu FT897D.
If so how well did it work ?
I would be interested in comments as i'm thinking about buying a Shure mike.

Andy G6OHM

31121. Re: New Ham

Yahoo group: FT897 (2010)
Date: 2010-09-02 18:39:53 UTC
From: Jim
Topic: 31061 Message: 31121

Welcome to the hobby, William! I'm a relatively new ham myself, having gotten my tech license in October 2008. I hope you're like me and looking forward to many years of radio fun!

Just wanted to add my two cents' worth to the well-written comments you've already received. I purchased the FT-897 when I earned my General license last year because of it's all-mode, DC-to-daylight capability. It's a relatively low-cost, portable radio with which I can do almost anything I want. Though I haven't finished it yet, I'm building a 2 m, five-element quad antenna to use on SSB. That was one of my reasons for buying the 897. I've been using a G5RV with good results for the past year. I think you'll be pleased with it.

Good luck, and 73!
Jim
NK1S

31122. Re: [FT897] Display color menu #041 question

Yahoo group: FT897 (2010)
Date: 2010-09-09 03:22:16 UTC
From: Rob Stampfli
Topic: 31115 Message: 31122

On Wed, Sep 01, 2010 at 08:47:56PM -0000, mmeenan43 wrote:
> When I enter Menu #041, the rig allows me to change the display color, but nothing else. In other words, I can choose FIX 1-32, but am not offered BAND, ARTS or any other choices supposedly available under this menu item -- can't get out of FIX. Am I missing something?

Have you tried depressing the MEM/VFO knob (after entering Menu 41)
to toggle between selecting the color and when it is to be displayed?

Rob / KD8WK

31123. Re: Display color menu #041 question

Yahoo group: FT897 (2010)
Date: 2010-09-09 03:32:32 UTC
From: mmeenan43
Topic: 31115 Message: 31123

Thanks, Rob -- that did the trick. Didn't see that in the manual, if it was there.

--- In FT897@yahoogroups.com, "mmeenan43" <meenan.mike@...> wrote:
>
> When I enter Menu #041, the rig allows me to change the display color, but nothing else. In other words, I can choose FIX 1-32, but am not offered BAND, ARTS or any other choices supposedly available under this menu item -- can't get out of FIX. Am I missing something?
>
> Mike, ND6MM
>

31124. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-09 05:03:04 UTC
From: pascalpete
Topic: 31087 Message: 31124

Thanks, Rick. That software looks like it is just what the doctor ordered.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "webfootwandere" <n7we@...> wrote:
>
> Peter-
>
> Sorry for your difficulty and while this is not a solution to your particular problem, I hope you find it helpful for the future!
>
> See Message # 18653.
>
> Sooner or later, we all do a "hard reset." So be prepared! And thanks for posting - it reminded me to update my file!
>
> Rick - N7WE (formerly AI4LG)
>

31125. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-09 05:07:51 UTC
From: pascalpete
Topic: 31087 Message: 31125

Thanks Gene.

I have a Radio Works T-4G Line Isolator, which I thought was in part performing the same job...preventing RF from backtracking up my feed line. I'll have to educate myself a bit more to see if this covers that base or not.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "storygene" <ki6sxw@...> wrote:
>
> Peter -
> I did not see anyone mention making a simple choke balun out of coax. This is a very effective way to stop RF current from going backward in your antenna cable to the radio. If you are having RF current issues, this can be the solution. And make sure you have a true and proper station ground.
>
> Rather than re-invent the wheel, see http://www.hamuniverse.com/balun.html
> for various examples of making this type of balun. You might have most of the materials around your place but in any event, making these are cheap and very effective.
>
> Gene / KI6SXW
>
> --- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@> wrote:
> >
> > Thanks...will give that a try at first opportunity. Makes sense.
> >
> > Peter Lee
> > K8ACS
> >
> > --- In FT897@yahoogroups.com, "Bernard" <berny@> wrote:
> > >
> > > Maybe try it with low power.
> > > Guess the RF shouldn't be there when using 5 watts.
> > > Also try without turner.
> > > The autoturners for the FT897 are nice,but you are not able to bypass it.
> > > I have no autoturner but a MFJ-949D...
> > > I never use it,my antenna's are good enought,the worst SWR is around 1:2.0.
> > > Maybe you get the RF from the small kabel between radio and Turner.
> > > I would try the radio on low power and also without turner,see what happens
> > > then.
> > >
> > > Good Luck.
> > >
> > > ï»¿ ï»¿
> > > 73's and Good Health and DX

> > >
> > > Bernard de PD7BZ
> > > http://www.pd7bz.nl
> > > DMC #1161 - EPC #3647 NL01
> > > QSL via LoTW , Buro , Direct , eQSL
> > > -------Original Message-------
> > >
> > > From: Patrick
> > > Date: 7-9-2010 4:57:50
> > > To: FT897@yahoogroups.com
> > > Subject: Re: [FT897] What the @#$% just happened?
> > >
> > > Sounds like RF feedback reset the 897.............Patrick KI8UM
> > >
> > > On Mon, Sep 6, 2010 at 6:29 PM, pascalpete <YahooGroups@isshomefront
> > > com>wrote:
> > >
> > > >
> > > >
> > > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
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> > > > Earlier today I was on a 2-meter repeater, and this evening jumped on to
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> > > CQ
> > > > call.
> > > >
> > > > The radio shut-off (powered down completely), then in a second or two
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> > > lost.
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> > > >
> > > > On the positive side, I can hear stations on HF so the receiver is working
> > > >
> > > >
> > > > What the heck just happened? something trigger a complete reset?
> > > >
> > > > I searched the forum but did not find anything on this. Oh boy is this
> > > > going to be a pain to try to get all those settings back!
> > > >
> > > > Peter Lee
> > > > K8ACS
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> > >
> > > [Non-text portions of this message have been removed]
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> > >
> > > Yahoo! Groups Links
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> > >
> > > Geen virus gevonden in het binnenkomende-bericht.
> > > Gecontroleerd door AVG - www.avg.com
> > > Versie: 9.0.851 / Virusdatabase: 271.1.1/3117 - datum van uitgifte: 09/06/10
> > > 08:35:00
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

31126. Re: What the @#$% just happened?

Yahoo group: FT897 (2010)
Date: 2010-09-09 05:14:33 UTC
From: pascalpete
Topic: 31087 Message: 31126

Stanton,

Yes, this is every much what happened. However, I had one afternoon of use without any problems. I *think* this is because I was most likely not on 20 meters (nearest I can remember. I made no contacts that day, though I did try CQ calls more than once. Might have been on 40 meters.

My current theory is that RF is the problem and most likely caused by the antenna re-alignment. Said realignment brought the antenna out away from the house but now in direct line-of-site to my rather long grounding wire that exits my second story room and goes down to the ground. That has always been a concern of mine and I think I might be getting RF into the shack along this line. I haven't had time to run any tests yet since this problem came up, but I am hoping to run some tomorrow.

I do have an MFJ "artificial ground" box which is not yet hooked up. Perhaps when I hook it up I will be able to de-tune the ground wire for 20 meters...assuming that is the problem (which is my odds-on favorite at the moment).

But first, I am getting that software mentioned by others to allow me to store my radio settings before I test. Actually, the low power testing will be the first thing I try...along with testing on other bands.

I appreciate everyone's feedback. It has been very educational for me...especially since I am a ham of less than 12 months.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, Stanton Royce <extremeachievers@...> wrote:
>
> Did this happen right after you moved the antenna a llittle further away from
> theÂ pole and the house, from the shack? It is possible this change positioned
> the radio (and or operator) in a stronger RF or magnetic field or caused RF to
> circulate somehow in the shack where it was not present or not present at the
> current strength, before the antenna was repositioned.
> Â
>
> Stanton Royce AE5UE
>
>
>
>
>
>
> _____
> From: pascalpete <YahooGroups@...>
> To: FT897@yahoogroups.com
> Sent: Tue, September 7, 2010 7:29:05 AM

> Subject: [FT897] Re: What the @#$% just happened?
>
> Â
> Jay,
>
> Thanks for the heads-up. I gave a quick skim of the reviews (I had read them
> before buying it) but did not see anything at first glance that looked like what
> I have happening.
>
> However...
>
> One of my first thoughts when the radio reset was that I needed to take a close
> look at the tuner.
>
> The tuner has functioned flawlessly thus far. Of course, that isn't proof
> positive that it didn't flake out all of a sudden.
>
>
> I'll keep that in mind.
>
> For the time being, I am going to try going back to 20 meters and reducing power
> and see what that does for me. I just don't know what conditions can trigger a
> reset (short of the manual input sequence).
>
>
> My ground outside appears to be intact on my grounding rod, so I am puzzled.
>
> However, someone mentioned maybe RF in the shack. Well, the antenna passes along
> the opposite side of the wall where the radio is. However, after 6 months of
> operations with no problems, I re-oriented the antenna in such a way as to
> actually put MORE distance between the pole and the house. Now this happens.
> Really weird.
>
> Well, I guess I get to investigate this. Too bad I was looking forward to the
> first time I'd have time actually USING the thing with lots of time.
>
> Alas, hopefully I'll come out of this a bit smarter about how the equipment and
> antenna all works.
>
> Thanks again for your input.
>
> Peter Lee
> K8ACS
>
> --- In FT897@yahoogroups.com, af2c@ wrote:
> >
> > Peter -
> >
> > As a point of interest, there has been some issues with the LDG-897. Most
> > reviews have been positive, but a few may relate to the problems you are

> > having:
> >
> > http://www.eham.net/reviews/detail/3265
> >
> > We bought a LDG YT-100 for use on Field Day. It performed
> > flawlessly. However there is difference in price...It's worth it.
> >
> > http://www.eham.net/reviews/detail/8322
> >
> > 73,
> > Jay/AF2C
> >
> >
> >
> > At 12:03 AM 9/7/2010 +0000, you wrote:
> > >
> > >
> > >Well...given the fact that I just spent over an hour=s recovering some of
> > >the settings...then had the same blasted thing happen to me again when I
> > >when I tuned into 20 meters (was fine on 145 Mhz and 440 Mhz FM, I suspect
> > >you may be right.
> > >
> > >Guess I'll have to figure out if I lost my ground or something.
> > >
> > >Any suggestions appreciated.
> > >
> > >Peter Lee
> > >K8ACS
> > >
> > >--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Matt
> > >Patterson" <mattpatt@> wrote:
> > > >
> > > > Sounds to me like you may have gotten a little RF feedback.
> > > >
> > > >
> > > >
> > > > 73 Matt
> > > >
> > > > W5LL
> > > >
> > > >
> > > >
> > > > From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > > > [mailto:FT897@yahoogroups.com] On Behalf Of
> > > > pascalpete
> > > > Sent: Monday, September 06, 2010 5:30 PM
> > > > To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> > > > Subject: [FT897] What the @#$% just happened?
> > > >
> > > >

> > > >
> > > >
> > > >
> > > > Okay, so I FINALLY get some vacation...get a few minutes to play with the
> > > > radio. This is an FT-897D with the FT-30 power supply, an LDG-897 tuner
> > > > hooked to a G5RV-jr. Have had NO problems with this setup at all for 6
> > > > months.
> > > >
> > > > Earlier today I was on a 2-meter repeater, and this evening jumped on
> > > to try
> > > > an HF contact (haven't had on in a while). Was unsuccessful a few times,
> > > > switched over to 20 meters, tuned up, found a free frequency and tried a
> CQ
> > > > call.
> > > >
> > > > The radio shut-off (powered down completely), then in a second or two
> > > > powered back up with a pink screen and what appears to be all settings
> > > lost.
> > > > All memories are gone, even the simplest settings seem to be erased.
> > > >
> > > > On the positive side, I can hear stations on HF so the receiver is
> working.
> > > >
> > > > What the heck just happened? something trigger a complete reset?
> > > >
> > > > I searched the forum but did not find anything on this. Oh boy is this
> > > going
> > > > to be a pain to try to get all those settings back!
> > > >
> > > > Peter Lee
> > > > K8ACS
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>
>
> [Non-text portions of this message have been removed]
>

31127. Re: [FT897] Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-09 11:12:44 UTC
From: Bob Jones
Topic: 31117 Message: 31127

Hi Mike,

While on Menu #41, press the MEM/VFO/CH knob.

Bob
W4LCS/AAR4LB

--- On Mon, 9/6/10, mmeenan43 <meenan.mike@...> wrote:

From: mmeenan43 <meenan.mike@...>
Subject: [FT897] Can't set band display colors
To: FT897@yahoogroups.com
Date: Monday, September 6, 2010, 6:23 PM

I'm trying to get the 897 to change display color when I switch bands, but when I go to Menu 041, the only choice I am given is FIX and choosing colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What am I missing?

Mike, ND6MM

[Non-text portions of this message have been removed]

31128. Re: [FT897] 897D Stored radio now no audio

Yahoo group: FT897 (2010)
Date: 2010-09-09 12:10:01 UTC
From: beharper2007@yahoo.com
Topic: 31119 Message: 31128

I finally figured it out. I believe it was jumper 1

Ben
Kd0hjn
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "beharper2007" <beharper2007@...>
Sender: FT897@yahoogroups.com
Date: Sat, 04 Sep 2010 04:04:08
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: [FT897] 897D Stored radio now no audio

Ok, I have been on the road alot and had my 897D put up. I got it out the other day to work a little CW and decided to do a MARS/CAP mod. End result is no audio out of the speaker or the external speaker plug. Radio shows that it is transmitting as it should and works perfectly just no sound. Any ideas?

Regards
Ben
KD0HJN

[Non-text portions of this message have been removed]

31129. Re: [FT897] 897D Stored radio now no audio

Yahoo group: FT897 (2010)
Date: 2010-09-09 13:11:26 UTC
From: Dan Schaaf
Topic: 31119 Message: 31129

Ben

Please tell us what about jumper 1?

Dan Schaaf

My Chocolate Lab is smarter than your honor roll child ..... Fix Our Schools !!!

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

Sent from my Ham Radio computer since I do not have a Blackberry

----- Original Message -----
From: beharper2007@...
To: FT897@yahoogroups.com
Sent: Thursday, September 09, 2010 8:10 AM
Subject: Re: [FT897] 897D Stored radio now no audio

I finally figured it out. I believe it was jumper 1

Ben
Kd0hjn
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "beharper2007" <beharper2007@...>
Sender: FT897@yahoogroups.com
Date: Sat, 04 Sep 2010 04:04:08
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: [FT897] 897D Stored radio now no audio

Ok, I have been on the road alot and had my 897D put up. I got it out the other day to work a little CW and decided to do a MARS/CAP mod. End result is no audio out of the speaker or the external speaker plug. Radio shows that it is transmitting as it should and works perfectly just no sound. Any ideas?

Regards
Ben
KD0HJN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31130. Re: Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-09 16:25:34 UTC
From: mmeenan43
Topic: 31117 Message: 31130

Thanks, Bob -- that works. I don't remember seeing it in the manual.

--- In FT897@yahoogroups.com, Bob Jones <lcsd512@...> wrote:
>
> Hi Mike,
> Â
> While on Menu #41, press the MEM/VFO/CH knob.
> Â
> Bob
> W4LCS/AAR4LB
>
>
> --- On Mon, 9/6/10, mmeenan43 <meenan.mike@...> wrote:
>
>
> From: mmeenan43 <meenan.mike@...>
> Subject: [FT897] Can't set band display colors
> To: FT897@yahoogroups.com
> Date: Monday, September 6, 2010, 6:23 PM
>
>
> Â
>
>
>
> I'm trying to get the 897 to change display color when I switch bands, but when I go to Menu 041, the only choice I am given is FIX and choosing colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What am I missing?
>
> Mike, ND6MM
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31131. Re: [FT897] Re: Laptop interference

Yahoo group: FT897 (2010)
Date: 2010-09-09 16:37:50 UTC
From: Don Russell
Topic: 31087 Message: 31131

I just got a brand new macbook pro 13 inch. the charger is horrible with rf noise,
all over the entire hf band. It's the OEM one that came with the laptop. Shame on
apple. they are normally good with that stuff. I can't charge the mac and use the 897
at the same time. Unplug the charger, no noise. Going to try and add clamp on toroids.

--
Don Russell, CBRE CBNT
W9DRR - ARRL OES, Technical Specialist
http://www.socialengineer.us

On Wed, Sep 8, 2010 at 20:28, ke7adu <ae7hs@...> wrote:

>
>
> I had the same problem with a third party charger for my MacBook. Charger
> works great but it spews RF. I purchased a real Apple charger and no more
> issues. Once again proving you get what you pay for.
>
> I was able to quiet the other charger by using several ferite beads.
>
> Anthony
> AE7HS
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, KB1TCD
> <josedouglas@...> wrote:
> >
> > Hi all.
> >
> > Our shack is on the second floor, which poses a grounding problem of its
> own.
> > To address this we bought an MFJ-931 Artificial Ground, which has helped
> a lot,
> > especially on our Eagle GAP vertical antenna on 20 and 30m and on 80m on
> the
> > Alpha Delta Sloper antenna.
> > A couple of weeks ago I got a Dell Inspiron 1501 Vista laptop back from
> my
> > daughter, it has an aftermarker charger that actually won't charge the
> laptop
> > but keeps its running. The Systemax XP pro laptop I was using has a hard
> time
> > keeping the wireless connection going in the shack, so I switched it

> w/the Dell.
> >
> > Been doing a lot of digital as of late and noticed that conditions where
> > deteriorating fast.
> > With hurricane Earl, which was a non-event here in Maine, I had
> disconnected
> > anything Friday before we left the house.
> > Re-connecting Sat morning I tried voice on 20m, made a DX contact
> straight away,
> > when I proceeded to hook up the laptop, everything just about dissapeared
> into
> > noise. Unpluged laptop, back to normal.
> >
> > Noise the same on both HF rigs, the 897D coupled to an LDG 897 tuner and
> the
> > Kenwood TS-520.
> > We have a similar Dell laptop, used it's charger and everything is back
> to
> > normal.
> > Doesn't matter where in the house we plug in the after market charger,
> > unbearable noise returns.
> > I have ordered a Dell charger and unplug the laptop while working
> stations for
> > now.
> >
> > So, warning, if anyone has a Dell laptop, avoid getting an aftermarket
> charger,
> > apparently a lot of them won't charge as Dell laptop won't recognise the
> > charger, and they make radio life unberable.
> >
> > 73 de Jose Douglas - KB1TCD
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

31132. Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-10 16:11:53 UTC
From: Persia
Topic: 31132 Message: 31132

Hi,

Is ther emoting like a dummies guide to the ft897? Ikeep trying to find menu e, it says press f and then select menu e but I can get there, it just circles around the 90 options in setup. I wanted to be sure pl was on for two metros.

Thanks,
Robert

31133. Re: [FT897] Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-10 16:46:07 UTC
From: Carl Wulfestieg
Topic: 31132 Message: 31133

Robert-

"PRESS" means momentarily. If you get the MENUs 1 to 91, you are "holding" F for one second.
If you are having trouble storing and using repeaters, let me know and I'll send you my step-by-step procedure. Good Luck.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31134. Re: [FT897] Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-10 18:09:56 UTC
From: Steve McG
Topic: 31132 Message: 31134

Carl, I would appreciate your step by step procedure. if your able to email it. Thank you
de KA6NOG 73

--- On Fri, 9/10/10, Carl Wulfestieg <ag4ls@...> wrote:

From: Carl Wulfestieg <ag4ls@...>
Subject: Re: [FT897] Dummie guide to ft897?
To: FT897@yahoogroups.com
Date: Friday, September 10, 2010, 4:46 PM

Robert-

"PRESS" means momentarily. If you get the MENUs 1 to 91, you are "holding" F for one second.
If you are having trouble storing and using repeaters, let me know and I'll send you my step-by-step procedure. Good Luck.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31135. RE: [FT897] Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-10 22:13:05 UTC
From: carl
Topic: 31132 Message: 31135

So would I please Carl.

Regards,

Carl VK3EMF.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Steve McG
Sent: Saturday, 11 September 2010 4:10 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Dummie guide to ft897?

Carl, I would appreciate your step by step procedure. if your able to email it. Thank you
de KA6NOG 73

--- On Fri, 9/10/10, Carl Wulfestieg <ag4ls@... <mailto:ag4ls%40comcast.net> > wrote:

From: Carl Wulfestieg <ag4ls@... <mailto:ag4ls%40comcast.net> >
Subject: Re: [FT897] Dummie guide to ft897?
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Date: Friday, September 10, 2010, 4:46 PM

Robert-

"PRESS" means momentarily. If you get the MENUs 1 to 91, you are "holding" F for one
second.
If you are having trouble storing and using repeaters, let me know and I'll send you my
step-by-step procedure. Good Luck.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.445 / Virus Database: 271.1.1/3125 - Release Date: 09/09/10 18:34:00

[Non-text portions of this message have been removed]

31136. I see the 857 Group has already gone to the DARK SIDE

Yahoo group: FT897 (2010)
Date: 2010-09-11 01:25:01 UTC
From: wa8thk
Topic: 31136 Message: 31136

Please don't let this group be updated to the NEW LOOK !
its too late for the 857 group they have already been asemalated

Perry
WA8THK

31137. Re: [FT897] I see the 857 Group has already gone to the DARK SIDE

Yahoo group: FT897 (2010)
Date: 2010-09-11 02:34:50 UTC
From: DALE
Topic: 31136 Message: 31137

I have not got any new posts on 857 since Mar.
Have not been able determine why.
Dale

----- Original Message -----
From: "wa8thk" <wa8thk@yahoo.com>
To: FT897@yahoogroups.com
Sent: Friday, September 10, 2010 6:25:01 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] I see the 857 Group has already gone to the DARK SIDE

Please don't let this group be updated to the NEW LOOK !
its too late for the 857 group they have already been asemalated

Perry
WA8THK

[Non-text portions of this message have been removed]

31138. Re: [FT897] I see the 857 Group has already gone to the DARK SIDE

Yahoo group: FT897 (2010)
Date: 2010-09-11 09:15:22 UTC
From: Keith Carpenter
Topic: 31136 Message: 31138

Resistance is Futile!

73! Keith WD0FIA

--- On Sat, 9/11/10, wa8thk <wa8thk@...> wrote:

its too late for the 857 group they have already been assimilated

Perry
WA8THK

[Non-text portions of this message have been removed]

31139. Re: [FT897] Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-11 10:39:03 UTC
From: Patrick
Topic: 31132 Message: 31139

HI Robert,
As the others have said , ALL you need to do is to just
PRESS the F button for ONE SECOND so that you can alter what the A, B & C
buttons do. After you press the F button you then turn the Selector knob to
go through a b c d e f etc etc

Also it quite simple to add repeater fregs into a memory, just read the
section in the manual
1st before you save a repeater freq to memory you have to have the minus
sign (2m) or + for 70cms and the ctcss in the display then you save to a
memory empty number 001 etc ,
just read the manual , what i do is to write what steps i need to take do
what i need to do. saves me re reading the section in manual again

Patrick GW1SXN

----- Original Message -----
From: "Persia" <mystic@...>
To: <FT897@yahoogroups.com>
Sent: Friday, September 10, 2010 5:11 PM
Subject: [FT897] Dummie guide to ft897?

> Hi,
>
> Is ther emoting like a dummies guide to the ft897? Ikeep trying to find
> menu e, it says press f and then select menu e but I can get there, it
> just circles around the 90 options in setup. I wanted to be sure pl was
> on for two metros.
>
> Thanks,
> Robert
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31140. Inrad 2000Hz 455Khz SSB Filter reviews wanted

Yahoo group: FT897 (2010)
Date: 2010-09-11 10:44:30 UTC
From: klokkenman
Topic: 31140 Message: 31140

I am interested in reviews of users who are using an optional SSB filter in combination whit the FT-897. Yaesu only provides an 2,3Khz 455KHz filter, but according to the reviewers I read, this one is a bit disappointing. The US company Inrad offers an 2,0Khz 455KHz filter, but in Holland this one can only be obtained from an internet store in Germany, England, or directly in the US..
Before ordering one I'm interested in some experiences of other FT-897 users.
Maybe some Dutch HAM operators are also interested and willing to order one, so maybe we can split US ordering and customs costs by making one combined order.

PD2SD

31141. Dummie

Yahoo group: FT897 (2010)
Date: 2010-09-11 10:56:01 UTC
From: Robin Jong
Topic: 31141 Message: 31141

It seems like you have the number E in Your hidden section.
I think it's the first option in the menu section to turn the hidden menu on.
If you don't want it there, just select it in the hidden menu, and then press the A button when it mentions Skip. The dot (upper right corner) changes into a -, and you can access it again from the main menu.
This way you can put options in a second menu, so your first menu stays easy to access.

Rob

[Non-text portions of this message have been removed]

31142. Re: [FT897] Inrad 2000Hz 455Khz SSB Filter reviews wanted

Yahoo group: FT897 (2010)
Date: 2010-09-11 17:00:40 UTC
From: Jirka MWW
Topic: 31140 Message: 31142

I have an Inrad 2.3 kHz filter in my FT897D and it is much much better than original ceramic filter. I assume, that 2.0 kHz will be quite too narrow , especially for VHF contest operation
and when tuning in 100 Hz steps.
I have ordered directly from Inrad and I did not pay any custom duty. There is some limit for import to EU and this filter (single one) is far below this limit, as far as I remember.

Best regards Jiri OK1MWW

2010/9/11 klokkenman <klokkenman@...>

>
>
> I am interested in reviews of users who are using an optional SSB filter in
> combination whit the FT-897. Yaesu only provides an 2,3Khz 455KHz filter,
> but according to the reviewers I read, this one is a bit disappointing. The
> US company Inrad offers an 2,0Khz 455KHz filter, but in Holland this one can
> only be obtained from an internet store in Germany, England, or directly in
> the US..
> Before ordering one I'm interested in some experiences of other FT-897
> users.
> Maybe some Dutch HAM operators are also interested and willing to order
> one, so maybe we can split US ordering and customs costs by making one
> combined order.
>
> PD2SD
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

31143. Feed back

Yahoo group: FT897 (2010)
Date: 2010-09-11 17:57:49 UTC
From: amccom2
Topic: 31143 Message: 31143

anyone ever solve the FT897 feed back problem on
160 and 80/75
it is really..... bad on 160 and the unit is useless.
vr
K9BW

31144. Re: I see the 857 Group has already gone to the DARK SIDE

Yahoo group: FT897 (2010)
Date: 2010-09-11 18:08:09 UTC
From: wa8thk
Topic: 31136 Message: 31144

From what I am hearing and reading
its a rolling update..
Resistance is Futile you may be right ..
or we can leave the mother ship and start a new group on Google or qth.. maybe they will not be Borg ed

My FT 897D is several years old now and working great.. still love the looks and the opeation of the radio on CW and SSB
in the fact it covers HF and VHF UHF is great...
Perry
WA8THK

--- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@...> wrote:
>
> Resistance is Futile!
>
> 73! Keith WD0FIA
>
>
> --- On Sat, 9/11/10, wa8thk <wa8thk@...> wrote:
>
>
>
>
>
>
>
>
>
> its too late for the 857 group they have already been assimilated
>
> Perry
> WA8THK
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31145. Re: Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-11 18:14:48 UTC
From: wa8thk
Topic: 31132 Message: 31145

the Fuction or F key has two functions touch or push and hold.......
touch gives you the multi function keys a b c d e f......
push and hold gives you the menus

Perry WA8THK

--- In FT897@yahoogroups.com, "Patrick" <patrick.obrien47@...> wrote:
>
> HI Robert,
> As the others have said , ALL you need to do is to just
> PRESS the F button for ONE SECOND so that you can alter what the A, B & C
> buttons do. After you press the F button you then turn the Selector knob to
> go through a b c d e f etc etc
>
> Also it quite simple to add repeater fregs into a memory, just read the
> section in the manual
> 1st before you save a repeater freq to memory you have to have the minus
> sign (2m) or + for 70cms and the ctcss in the display then you save to a
> memory empty number 001 etc ,
> just read the manual , what i do is to write what steps i need to take do
> what i need to do. saves me re reading the section in manual again
>
> Patrick GW1SXN
>
> ----- Original Message -----
> From: "Persia" <mystic@...>
> To: <FT897@yahoogroups.com>
> Sent: Friday, September 10, 2010 5:11 PM
> Subject: [FT897] Dummie guide to ft897?
>
>
> > Hi,
> >
> > Is ther emoting like a dummies guide to the ft897? Ikeep trying to find
> > menu e, it says press f and then select menu e but I can get there, it
> > just circles around the 90 options in setup. I wanted to be sure pl was
> > on for two metros.
> >
> > Thanks,
> > Robert
> >
> >
> >
> > ------------------------------------
> >

> > Yahoo! Groups Links
> >
> >
> >
>

31146. FM vhf UHF motor bike type sound

Yahoo group: FT897 (2010)
Date: 2010-09-11 18:34:55 UTC
From: bty78009284
Topic: 31146 Message: 31146

Hi All

Thanks to all those who helped me on the static crashes on AM, I have another one since I had the rig repaired by yaesu UK good turn around one week I have started to use the vhf and uhf side of the rig the sound off squelch is like an motor bikeish when ant is not connected it is the same NO readings on the s meter just the sound? receives ok but it is to me not right as I have 817 and vx8e they sound good af CLEAN.
so is it another filter that yaesu missed!!

Thanks in advance.
Bill M3PTQ

31147. SSB ALC adjustment issue...

Yahoo group: FT897 (2010)
Date: 2010-09-11 21:22:12 UTC
From: marshallstax
Topic: 31147 Message: 31147

Maybe this has come up, but here's my issue:

The ALC meter never registers at all in SSB mode, regardless of mic gain setting, with the power out set to 100.

As you lower the power output the ALC begins to show... at "20" I could make (accurate?) adjustments to the SSB Mic Gain and see the ALC meter changing in response to up or down level adjustments on the SSB Mic Gain (menu 81) control.

As I turn the Power Out (Menu 75) back up to 100 the ALC meter fades down to nothing... no matter how high you set the SSB Mic Gain (even up to "100") the ALC Meter never registers at all.

There seems to be no audio change (as in distortion or overdriven pre-amp sound) as the Power Out is raised... the only change in anything is that the ALC Meter stops showing anything as you raise the output power.

On PSK31, this is not an issue... The 897 itself is set to 100 watts output, and the actual output power is changed by the TX knob on the SignaLink USB box I use - I keep the output below any ALC meter reading... the ALC meter will register if I raise the TX knob too high - approaching about 80 watts out (on the Daiwa meter I have).

So, why does the ALC meter on the 897 not respond (in SSB mode) at full power out setting?

31148. computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-11 21:40:17 UTC
From: Aristotle Zoulas
Topic: 31148 Message: 31148

Hello, other than HRD, what are your favorite computer control options for this radio? Anyone use Supercontrol software? Its looks real nice bit it costs about $100.

Thanks

31149. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-11 22:01:27 UTC
From: Dave
Topic: 31148 Message: 31149

When using Linux, Hamlib and GMFSK / FLDIGI do the job.

For Windows, I like the idea of HRD and have tried quite a few versions over the years, but its such a monster and has too much decoration that serves a purpose I don't need (and cant switch off). Sadly it is mainly beyond sprightly use on my computers,

So I tend to stick with applications that allow me to do otherstuff at the same time (Like Mixw and MMSSTV) but HRD is great for impressing people or demonstrating large groups at once.

Dave H G0CER

> Hello, other than HRD, what are your favorite computer control options for this
> radio? Anyone use Supercontrol software? Its looks real nice bit it costs about
> $100.
>
>
> Thanks
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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31150. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-11 23:10:01 UTC
From: Bret McDanel
Topic: 31148 Message: 31150

On Sat, 2010-09-11 at 14:40 -0700, Aristotle Zoulas wrote:
>
> Hello, other than HRD, what are your favorite computer control options
> for this
> radio? Anyone use Supercontrol software? Its looks real nice bit it
> costs about
> $100.

I wrote my own stuff. The base library (perl) that I use is at
http://www.0xdecafbad.com/FT8xxCAT.html and some of the memory locations
are mapped at http://www.0xdecafbad.com/FT897memory.html (I have been
lazy and the memory map is not complete, if anyone wants to help with
that I will add to it :)

In this way I can control the radio exactly how I want which includes
some non-standard interfaces, but then I am weird that way.

My current project is to control the radio with an asus 520gl wifi
access point using usb for both sound and the serial interface
delivering the content streaming over the web. I have not yet finished
that interface though so it is not yet available for use.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31151. Re: SSB ALC adjustment issue...

Yahoo group: FT897 (2010)
Date: 2010-09-11 23:16:39 UTC
From: Steve Yates
Topic: 31147 Message: 31151

marshallstax,

It is normal on the FT-897D for the ALC to be more active when the power is reduced. However, you should still be able to get an ALC reading when using high power. It seems that your audio drive simply isn't enough for some reason.

This is a long shot but make sure that you don't have the speech processor on (MFc) and it turned way down (MENU MODE No-074). The SSB MIC GAIN and PROC LEVEL do counteract each other.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> Maybe this has come up, but here's my issue:
>
> The ALC meter never registers at all in SSB mode, regardless of mic gain setting, with the power out set to 100.
>
> As you lower the power output the ALC begins to show... at "20" I could make (accurate?) adjustments to the SSB Mic Gain and see the ALC meter changing in response to up or down level adjustments on the SSB Mic Gain (menu 81) control.
>
> As I turn the Power Out (Menu 75) back up to 100 the ALC meter fades down to nothing... no matter how high you set the SSB Mic Gain (even up to "100") the ALC Meter never registers at all.
>
> There seems to be no audio change (as in distortion or overdriven pre-amp sound) as the Power Out is raised... the only change in anything is that the ALC Meter stops showing anything as you raise the output power.
>
>
> On PSK31, this is not an issue... The 897 itself is set to 100 watts output, and the actual output power is changed by the TX knob on the SignaLink USB box I use - I keep the output below any ALC meter reading... the ALC meter will register if I raise the TX knob too high - approaching about 80 watts out (on the Daiwa meter I have).
>
> So, why does the ALC meter on the 897 not respond (in SSB mode) at full power out setting?
>

31152. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-11 23:33:24 UTC
From: Rob Stampfli
Topic: 31148 Message: 31152

On Sat, Sep 11, 2010 at 04:10:01PM -0700, Bret McDanel wrote:
> On Sat, 2010-09-11 at 14:40 -0700, Aristotle Zoulas wrote:
> >
> > Hello, other than HRD, what are your favorite computer control options
> > for this
> > radio? Anyone use Supercontrol software? Its looks real nice bit it
> > costs about
> > $100.
>
> I wrote my own stuff. The base library (perl) that I use is at
> http://www.0xdecafbad.com/FT8xxCAT.html and some of the memory locations
> are mapped at http://www.0xdecafbad.com/FT897memory.html (I have been
> lazy and the memory map is not complete, if anyone wants to help with
> that I will add to it :)
>
> In this way I can control the radio exactly how I want which includes
> some non-standard interfaces, but then I am weird that way.

I notice that HRD seems to be able to control a good deal more of the
FT-897 than just what is documented under the CAT section of the manual.
Just curious: where did you find out how to craft the extra CAT commands
to control the radio? From the www.0xdecafbad.com website? If so, where
did they get them?

> My current project is to control the radio with an asus 520gl wifi
> access point using usb for both sound and the serial interface
> delivering the content streaming over the web. I have not yet finished
> that interface though so it is not yet available for use.

My current project is much simpler: I just succeeded in integrating
a Jabra Bluetooth adapter with my 897, so I can use a Bluetooth headset
to listen and talk over the air. People give me good audio reports
in this configuration. If anyone is interested in the details, let me
know.

Rob / KD8WK

31153. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-11 23:55:57 UTC
From: Bret McDanel
Topic: 31148 Message: 31153

On Sat, 2010-09-11 at 19:33 -0400, Rob Stampfli wrote:
>
> I notice that HRD seems to be able to control a good deal more of the
> FT-897 than just what is documented under the CAT section of the
> manual.
> Just curious: where did you find out how to craft the extra CAT
> commands
> to control the radio? From the www.0xdecafbad.com website? If so,
> where
> did they get them?
>

I do not know much about HRD, so I do not know if it is doing anything
that I do not have documented on my site. I am the author of the
material at 0xdecafbad.com so I can speak on that.

There are 2 groups of commands, documented and undocumented. The
documented is the larger of the two groups, as for the undocumented it
includes:

readEeprom
writeEeprom
getRadioConfig
getTxMetering
factoryResetandEraseAlignment

If you can give an example of something HRD does that is not documented
I can try to see if there is a way to accomplish that based on what I
know. There are actually a lot of documented commands and the CAT
commands for the 817, 857 and 897 appear to be the same, although the
memory layout is different for the 817 vs 857/897.

The read/write Eeprom commands can actually give you some benefits that
you do not otherwise get which can open a bunch of doors for you. It is
also very easy to specify the wrong address and force a reset of the
radio (he bootstrap code in the radio should always be able to recover
with a full reset, but you will lose your alignment settings). The
program should be cautious when writing.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31154. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 00:12:32 UTC
From: Dave AA6YQ
Topic: 31148 Message: 31154

DXLab supports the FT-897, and is free. DXLab is a suite of applications that automatically interoperate; you can start with one, and if desired add more. DXLab applications also interoperate with a wide range of other applications, including MixW and MMSSTV.

www.dxlabsuite.com

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Dave
Sent: Saturday, September 11, 2010 6:01 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] computer control program options

When using Linux, Hamlib and GMFSK / FLDIGI do the job.

For Windows, I like the idea of HRD and have tried quite a few versions over the years, but its such a monster and has too much decoration that serves a purpose I don't need (and cant switch off). Sadly it is mainly beyond sprightly use on my computers,

So I tend to stick with applications that allow me to do otherstuff at the same time (Like Mixw and MMSSTV) but HRD is great for impressing people or demonstrating large groups at once.

Dave H G0CER

> Hello, other than HRD, what are your favorite computer control options for this
> radio? Anyone use Supercontrol software? Its looks real nice bit it costs about
> $100.
>
>
> Thanks
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>

>
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>

[Non-text portions of this message have been removed]

31155. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 00:24:10 UTC
From: Dave AA6YQ
Topic: 31148 Message: 31155

>>>AA6YQ comments below

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Bret McDanel
Sent: Saturday, September 11, 2010 7:56 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] computer control program options

On Sat, 2010-09-11 at 19:33 -0400, Rob Stampfli wrote:
>
> I notice that HRD seems to be able to control a good deal more of the
> FT-897 than just what is documented under the CAT section of the
> manual.
> Just curious: where did you find out how to craft the extra CAT
> commands
> to control the radio? From the www.0xdecafbad.com website? If so,
> where
> did they get them?
>

I do not know much about HRD, so I do not know if it is doing anything
that I do not have documented on my site. I am the author of the
material at 0xdecafbad.com so I can speak on that.

There are 2 groups of commands, documented and undocumented. The
documented is the larger of the two groups, as for the undocumented it
includes:

readEeprom
writeEeprom
getRadioConfig
getTxMetering
factoryResetandEraseAlignment

If you can give an example of something HRD does that is not documented
I can try to see if there is a way to accomplish that based on what I
know. There are actually a lot of documented commands and the CAT
commands for the 817, 857 and 897 appear to be the same, although the
memory layout is different for the 817 vs 857/897.

The read/write Eeprom commands can actually give you some benefits that
you do not otherwise get which can open a bunch of doors for you. It is
also very easy to specify the wrong address and force a reset of the
radio (he bootstrap code in the radio should always be able to recover
with a full reset, but you will lose your alignment settings). The
program should be cautious when writing.

>>>EEPROMs are only guaranteed for a specified number of lifetime write operations, so one should not be indiscriminate with these.

73,

Dave,.AA6YQ

.

[Non-text portions of this message have been removed]

31156. Re: SSB ALC adjustment issue...

Yahoo group: FT897 (2010)
Date: 2010-09-12 02:37:02 UTC
From: marshallstax
Topic: 31147 Message: 31156

Thanks for the quick Response... I checked the processor - it was off -- I also did a quick check: calling out while dialing both processor level (w/proc off) and ssb mic gain up & down while watching the alc meter... no response, in any combination of settings, at 100w out.

Weird.

As I said earlier, the full up (100) setting on SSB Mic Gain is noticably louder, and the power out meter on the radio (and the outboard meter) swing somewhat higher with a "100" setting, but it never sounds distorted or overdriven. The mic is noticably more sensitive to things like handling noise at full level, as you'd expect... its a Yaesu MD-100 mic, BTW.

I was monitoring, using headphones, on another 897 with its RF gain dialed down...

-- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> marshallstax,
>
> It is normal on the FT-897D for the ALC to be more active when the power is reduced. However, you should still be able to get an ALC reading when using high power. It seems that your audio drive simply isn't enough for some reason.
>
> This is a long shot but make sure that you don't have the speech processor on (MFc) and it turned way down (MENU MODE No-074). The SSB MIC GAIN and PROC LEVEL do counteract each other.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "marshallstax" <marshallstax@> wrote:
> >
> > Maybe this has come up, but here's my issue:
> >
> > The ALC meter never registers at all in SSB mode, regardless of mic gain setting, with the power out set to 100.
> >
> > As you lower the power output the ALC begins to show... at "20" I could make (accurate?) adjustments to the SSB Mic Gain and see the ALC meter changing in response to up or down level adjustments on the SSB Mic Gain (menu 81) control.
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> > As I turn the Power Out (Menu 75) back up to 100 the ALC meter fades down to nothing... no matter how high you set the SSB Mic Gain (even up to "100") the ALC Meter never registers at all.
> >
> > There seems to be no audio change (as in distortion or overdriven pre-amp sound) as the

Power Out is raised... the only change in anything is that the ALC Meter stops showing anything as you raise the output power.
> >
> >
> > On PSK31, this is not an issue... The 897 itself is set to 100 watts output, and the actual output power is changed by the TX knob on the SignaLink USB box I use - I keep the output below any ALC meter reading... the ALC meter will register if I raise the TX knob too high - approaching about 80 watts out (on the Daiwa meter I have).
> >
> > So, why does the ALC meter on the 897 not respond (in SSB mode) at full power out setting?
> >
>

31157. Re: SSB ALC adjustment issue...

Yahoo group: FT897 (2010)
Date: 2010-09-12 02:45:17 UTC
From: marshallstax
Topic: 31147 Message: 31157

UPDATE...

I was doing all this testing on 10 meters... now, on 17 meters, the ALC meter on the 897 seems to be responding normally.

I'm using a Windom DX 40-10 RadioWavez antenna tuned with an LDG AT-897 Plus tuner.

Why would the band I'm on affect the ALC sensitivity? (Or the hotness of the mic?)

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> Thanks for the quick Response... I checked the processor - it was off -- I also did a quick check: calling out while dialing both processor level (w/proc off) and ssb mic gain up & down while watching the alc meter... no response, in any combination of settings, at 100w out.
>
> Weird.
>
> As I said earlier, the full up (100) setting on SSB Mic Gain is noticably louder, and the power out meter on the radio (and the outboard meter) swing somewhat higher with a "100" setting, but it never sounds distorted or overdriven. The mic is noticably more sensitive to things like handling noise at full level, as you'd expect... its a Yaesu MD-100 mic, BTW.
>
> I was monitoring, using headphones, on another 897 with its RF gain dialed down...
>
>
>
> -- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@> wrote:
> >
> > marshallstax,
> >
> > It is normal on the FT-897D for the ALC to be more active when the power is reduced. However, you should still be able to get an ALC reading when using high power. It seems that your audio drive simply isn't enough for some reason.
> >
> > This is a long shot but make sure that you don't have the speech processor on (MFc) and it turned way down (MENU MODE No-074). The SSB MIC GAIN and PROC LEVEL do counteract each other.
> >
> > 73,
> > Steve - AA5TB
> >
> > --- In FT897@yahoogroups.com, "marshallstax" <marshallstax@> wrote:
> > >
> > > Maybe this has come up, but here's my issue:

> > >
> > > The ALC meter never registers at all in SSB mode, regardless of mic gain setting, with the power out set to 100.
> > >
> > > As you lower the power output the ALC begins to show... at "20" I could make (accurate?) adjustments to the SSB Mic Gain and see the ALC meter changing in response to up or down level adjustments on the SSB Mic Gain (menu 81) control.
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> > > As I turn the Power Out (Menu 75) back up to 100 the ALC meter fades down to nothing... no matter how high you set the SSB Mic Gain (even up to "100") the ALC Meter never registers at all.
> > >
> > > There seems to be no audio change (as in distortion or overdriven pre-amp sound) as the Power Out is raised... the only change in anything is that the ALC Meter stops showing anything as you raise the output power.
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> > >
> > > On PSK31, this is not an issue... The 897 itself is set to 100 watts output, and the actual output power is changed by the TX knob on the SignaLink USB box I use - I keep the output below any ALC meter reading... the ALC meter will register if I raise the TX knob too high - approaching about 80 watts out (on the Daiwa meter I have).
> > >
> > > So, why does the ALC meter on the 897 not respond (in SSB mode) at full power out setting?
> > >
> >
>

31158. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 03:05:17 UTC
From: Mike Ernst
Topic: 31148 Message: 31158

Rob,

I am interested - please send me whatever you have. (ae8u@...)

73,

Mike, AE8U

MARC President

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Rob Stampfli
Sent: Saturday, September 11, 2010 7:33 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] computer control program options

On Sat, Sep 11, 2010 at 04:10:01PM -0700, Bret McDanel wrote:
> On Sat, 2010-09-11 at 14:40 -0700, Aristotle Zoulas wrote:
> >
> > Hello, other than HRD, what are your favorite computer control options
> > for this
> > radio? Anyone use Supercontrol software? Its looks real nice bit it
> > costs about
> > $100.
>
> I wrote my own stuff. The base library (perl) that I use is at
> http://www.0xdecafbad.com/FT8xxCAT.html and some of the memory locations
> are mapped at http://www.0xdecafbad.com/FT897memory.html (I have been
> lazy and the memory map is not complete, if anyone wants to help with
> that I will add to it :)
>
> In this way I can control the radio exactly how I want which includes
> some non-standard interfaces, but then I am weird that way.

I notice that HRD seems to be able to control a good deal more of the
FT-897 than just what is documented under the CAT section of the manual.
Just curious: where did you find out how to craft the extra CAT commands
to control the radio? From the www.0xdecafbad.com website? If so, where
did they get them?

> My current project is to control the radio with an asus 520gl wifi
> access point using usb for both sound and the serial interface
> delivering the content streaming over the web. I have not yet finished
> that interface though so it is not yet available for use.

My current project is much simpler: I just succeeded in integrating
a Jabra Bluetooth adapter with my 897, so I can use a Bluetooth headset

to listen and talk over the air. People give me good audio reports in this configuration. If anyone is interested in the details, let me know.

Rob / KD8WK

[Non-text portions of this message have been removed]

31159. digimaster pro+ from zlp electronics

Yahoo group: FT897 (2010)
Date: 2010-09-12 09:43:24 UTC
From: Mujeeb K
Topic: 31159 Message: 31159

hello friends

I expect the valuable experience while using digimaster pro+ from zlp electronics with ft897d for cat controle and digital modes.i want to purchase one and i am big zero in digimodes please reply with the suggesions

73's vu3wii

[Non-text portions of this message have been removed]

31160. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 11:10:12 UTC
From: Bret McDanel
Topic: 31148 Message: 31160

On Sat, 2010-09-11 at 20:24 -0400, Dave AA6YQ wrote:
>
> >>>EEPROMs are only guaranteed for a specified number of lifetime
> write operations, so one should not be indiscriminate with these.
>

I covered this material in a post before placing the eeprom tools on my page anticipating this argument specifically. It is very common for people to talk about.

Unfortunately most people do not look at the math side of the equation to this argument, they also do not understand what the radio does during normal usage, or if they do they are intentionally spreading FUD (fear uncertainty doubt). Either way I will address this issue.

http://www.0xdecafbad.com/2009/08/the-dangers-of-eeproms/

During normal operation of the radio, anytime you change the frequency, vfo/mem state, mode, band, etc the radio will write to the eeprom. This is so that you can go through a power cycle and still have your last used settings. The memory location can be dumped by reading the eeprom to validate that this is true and that it is not just some volatile ram with a battery backup, it is really the eeprom that holds this info.

This means that if you are scanning a band you are causing potentially hundreds of writes to your eeprom from that one session. Writes to the same address space, as opposed to various ones spreading the wear across the chip uniformly.

Looking at the math specifically:

If the chip supports 100,000 writes you can write just over 13 times a day, every single day for 20 years.

If the chip has 1M writes guaranteed before failure that would be just over 136 writes a day, every single day for 20 years.

I do not know what the eeprom has as a guarantee but since changing the mode, frequency, whether you are in VFO/MEM mode, or virtually anything else on the radio causes a write to the eeprom (verified by reading the prom) I am going to guess that it is a somewhat large number. Some are 10M writes which would be more than enough for a 20 year life of the eeprom, in fact with normal usage that would probably be closer to 50-60 year life of the eeprom.

--
Trixter aka Bret McDanel

website: http://www.0xdecafbad.com
pgp key http://bit.ly/9XYK4b

31161. Re: [FT897] Re: I see the 857 Group has already gone to the DARK SIDE

Yahoo group: FT897 (2010)
Date: 2010-09-12 20:05:33 UTC
From: Florentin Nastase
Topic: 31136 Message: 31161

FT857 and FT897 D or non D are the same. I soo bouth forums and al the threats are vy good for me ... I have an old FT857D ..
73's
Florentin YO9BXC.

--- On Sat, 9/11/10, wa8thk <wa8thk@...> wrote:

From: wa8thk <wa8thk@...>
Subject: [FT897] Re: I see the 857 Group has already gone to the DARK SIDE
To: FT897@yahoogroups.com
Date: Saturday, September 11, 2010, 11:08 AM

From what I am hearing and reading

its a rolling update..

Resistance is Futile you may be right ..

or we can leave the mother ship and start a new group on Google or qth.. maybe they will not be Borg ed

My FT 897D is several years old now and working great.. still love the looks and the opeation of the radio on CW and SSB

in the fact it covers HF and VHF UHF is great...

Perry

WA8THK

--- In FT897@yahoogroups.com, Keith Carpenter <afa7mu@...> wrote:

>

> Resistance is Futile!

>

> 73! Keith WD0FIA

>

>

> --- On Sat, 9/11/10, wa8thk <wa8thk@...> wrote:

>

>

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>

>

> its too late for the 857 group they have already been assimilated

>

> Perry

> WA8THK

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

31162. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 21:50:50 UTC
From: Dave AA6YQ
Topic: 31148 Message: 31162

If someone were developing their own CAT application and inadvertently created a loop that continuously issues EEPROM write operations, how long would it take to consume the EEPROM's 1M lifetime write budget? Assume the CAT port is running at 38K baud.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Bret McDanel
Sent: Sunday, September 12, 2010 7:10 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] computer control program options

On Sat, 2010-09-11 at 20:24 -0400, Dave AA6YQ wrote:
>
> >>>EEPROMs are only guaranteed for a specified number of lifetime
> write operations, so one should not be indiscriminate with these.
>

I covered this material in a post before placing the eeprom tools on my page anticipating this argument specifically. It is very common for people to talk about.

Unfortunately most people do not look at the math side of the equation to this argument, they also do not understand what the radio does during normal usage, or if they do they are intentionally spreading FUD (fear uncertainty doubt). Either way I will address this issue.

http://www.0xdecafbad.com/2009/08/the-dangers-of-eeproms/

During normal operation of the radio, anytime you change the frequency, vfo/mem state, mode, band, etc the radio will write to the eeprom. This is so that you can go through a power cycle and still have your last used settings. The memory location can be dumped by reading the eeprom to validate that this is true and that it is not just some volatile ram with a battery backup, it is really the eeprom that holds this info.

This means that if you are scanning a band you are causing potentially hundreds of writes to your eeprom from that one session. Writes to the same address space, as opposed to various ones spreading the wear across the chip uniformly.

Looking at the math specifically:

If the chip supports 100,000 writes you can write just over 13 times a day, every single day for 20 years.

If the chip has 1M writes guaranteed before failure that would be just over 136 writes a day, every single day for 20 years.

I do not know what the eeprom has as a guarantee but since changing the mode, frequency, whether you are in VFO/MEM mode, or virtually anything else on the radio causes a write to the eeprom (verified by reading the prom) I am going to guess that it is a somewhat large number. Some are 10M writes which would be more than enough for a 20 year life of the eeprom, in fact with normal usage that would probably be closer to 50-60 year life of the eeprom.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key http://bit.ly/9XYK4b

[Non-text portions of this message have been removed]

31163. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 22:17:44 UTC
From: Bret McDanel
Topic: 31148 Message: 31163

On Sun, 2010-09-12 at 17:50 -0400, Dave AA6YQ wrote:
>
> If someone were developing their own CAT application and inadvertently
> created a loop that continuously issues EEPROM write operations, how
> long would it take to consume the EEPROM's 1M lifetime write budget?
> Assume the CAT port is running at 38K baud.
>
> >>>EEPROMs are only guaranteed for a specified number of lifetime
> write operations, so one should not be indiscriminate with these.
>

the baud rate is less important than the rate at which the command
returns. It is slower than the serial port rate can handle.

So lets go to the errant coder example. Assuming that they are writing
to the same location in memory over and over (the more memory they write
to the longer it takes for the command to complete since you have to
write 2 bytes at a time until you are done).

1,000,000 / 365 / 24 / 60 = 1.90

So an errant coder could write twice a minute for almost a year before
wearing it out. If they were doing it 20 times a second (any faster and
I would question if the radio will keep up) then it would take just over
a month.

I do not think that either of these situations warrants the original
"should not be indiscriminate" comment nor the general paranoia that
people exhibit when it comes to writing to eeproms.

The flip side is if a user turned the tuning dial how long could they do
that before wearing out the eeprom? As I previously stated changing the
mode, frequency, band, etc causes a write to the very same eeprom in a
fixed location so its wear is cumulative over time. While these are
likely to happen less rapidly than an errant coder it does still happen
each and every time the radio settings are changed. Radio settings are
changed far more frequently than errant coders who write a tight loop
that writes to a tiny bit of memory over and over and then it gets left
for extended durations. :)

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31164. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 23:27:50 UTC
From: Dave AA6YQ
Topic: 31148 Message: 31164

>>>AA6YQ comments below

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Bret McDanel
Sent: Sunday, September 12, 2010 6:18 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] computer control program options

On Sun, 2010-09-12 at 17:50 -0400, Dave AA6YQ wrote:
>
> If someone were developing their own CAT application and inadvertently
> created a loop that continuously issues EEPROM write operations, how
> long would it take to consume the EEPROM's 1M lifetime write budget?
> Assume the CAT port is running at 38K baud.
>
> >>>EEPROMs are only guaranteed for a specified number of lifetime
> write operations, so one should not be indiscriminate with these.
>

the baud rate is less important than the rate at which the command
returns. It is slower than the serial port rate can handle.

So lets go to the errant coder example. Assuming that they are writing
to the same location in memory over and over (the more memory they write
to the longer it takes for the command to complete since you have to
write 2 bytes at a time until you are done).

1,000,000 / 365 / 24 / 60 = 1.90

So an errant coder could write twice a minute for almost a year before
wearing it out. If they were doing it 20 times a second (any faster and
I would question if the radio will keep up) then it would take just over
a month.

>>>20 times per second is 50ms per operation - a lifetime for a microprocessor. What leads you to conclude that the radio's microprocessor is limited to this rate? In the absence of measurements or the microprocessor's source code, ~5 ms would be a more conservative estimate, which means the EEPROM's 1M operation write budget would be exhausted in ~3 days.

>>>When building CAT software for an FT-8x7, one should definitely be careful with EEPROM writes.

73,

Dave, AA6YQ

[Non-text portions of this message have been removed]

31165. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-12 23:55:26 UTC
From: Bret McDanel
Topic: 31148 Message: 31165

On Sun, 2010-09-12 at 19:27 -0400, Dave AA6YQ wrote:

> >>>20 times per second is 50ms per operation - a lifetime for a
> microprocessor.

the eeprom is external to the microprocessor. The speed of the eeprom
is most likely slower than the microprocessor, especially for writing.

> What leads you to conclude that the radio's microprocessor is limited
> to this rate?

I never once said that the microprocessor was limited to that rate, I
said the eeprom was, and when you do a write via CAT you have to wait
for the command to finish before it lets you do another command.

Regardless I dont want to argue with you over this. I gave you the
information I had, what I have tested and personally done. I even tried
to give you the information you asked for, and you want to somehow prove
me wrong with obviously incorrect assertions. I guess so that you can
then, by proxy, say that I am wrong over my comment that it is not
terribly unsafe for someone to write to their eeprom. The reality is
that it is more likely that someone will write to the wrong area in
memory and require a full reset (losing calibration data) as opposed to
wearing the eeprom out. I say that as a developer of software for the
897 specifically.

I am finished with this thread unless there are real questions or real
fact based comments that do not appear to be wild guesses to spread FUD
and bias.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31166. eprom/flash memory write mitigation [was: computer control program options]

Yahoo group: FT897 (2010)
Date: 2010-09-13 02:29:42 UTC
From: Dean Gibson AE7Q
Topic: 31148 Message: 31166

On 2010-09-12 16:55, Bret McDanel wrote:
> ... real fact based comments ...
>

First of all, my credentials:

1. 45 years software development (now retired),
2. of which the last 30 were embedded software development,
3. of which two years were working on a flash memory system (Datalight, Inc was the company) for inclusion in cell phones and other embedded devices where memory integrity is important across a wide variety of consumer usage,
4. of which 1/2 was improving the flash memory write mitigation; specifically, "wear leveling".

5. Oh, and in my spare time a few years ago I completely reverse engineered the eprom/flash memory (whichever it is) layout for the FT-897D and wrote a memory management program for it. The reason I have not made it public, is off-topic for this thread.

OK, what is "memory write mitigation"? It is the reduction of physical writes to a device which suffers from "wear" due to writing. The following techniques can be used:

1. Delayed writes, so that multiple "writes" to a memory location in quick succession result in just a single (delayed) physical write.

2. Caching in RAM, with detection of a power-off event (scheduled or unscheduled) causing writing of any unwritten data. Just today I discovered a bug in Icom's ID-880H radio, where a certain operation caused the flash to be updated but not the RAM (the reverse of the normal bug), so that when one examined a setting after the operation and then power-cycled the radio, the setting changed (changing the setting "normally" kept the two in sync across a power cycle).

3. "Wear leveling", which use an additional layer of memory mapping (kinda like a virtual memory system) to cause successive writes to the same "location" to be mapped to different flash memory pages, so that repeated writes to one apparent "location" are spread throughout the device. These techniques are sophisticated, clever, and patented, and whole businesses are built on them (eg, Datalight, which provides flash memory system software to Toshiba, Motorola, SanDisk, Texas Instruments, and others I can't remember).

This last concept is important to grasp. I have had arguments with digital photographers about how successive "reformatting" of a CF card writes the formatting information to different locations each time. It doesn't matter whether it's done in the camera or a CF card read attached to a PC; the software that controls the "wear leveling" is in the CF card's controller.

So, the bottom line is that, as Bret states, it's pretty difficult to "wear out" a modern flash memory device, although it's not unheard of.

31167. FT-450 vs FT-897 Current draw and field use opinions

Yahoo group: FT897 (2010)
Date: 2010-09-13 03:32:42 UTC
From: ke7adu
Topic: 31167 Message: 31167

Greetings,

I own both an FT-450 and an FT-897D. I purchased the FT-450 this spring and was very impressed with the improved receive over the 897, so much so that I have been considering selling my FT-897 and purchasing a second FT-450 for field and ARES work.

This weekend I did some current measurements on both radios that may have changed my mind. I am posting those measurements here for your review. My measurements were made with a simple ($60) VOM so I can't say they are precise but the relative numbers should be useful for comparison.

FT-450

FT-897D

RX Current

0.78

0.35

TX Current 100 Watts

14.50

13.30

TX Current 20 Watts

7.70

6.20

TX Current 5 Watts

5.25

3.75

TX SSB no drive

3.80

1.62

Estimated 24 hour Ah Usage 25% duty

100W

101.04

86.10

20W

60.24

43.50

5 W

45.54

28.80

I am interested in hearing from those who:

1. 1. Have added the either a 2000 Hz or 2300 Hz mechanical filter to the radio. Was the receive improvement enough to justify the cost?

2. 2. Have used the FT-450 and FT-897 side by side in the field. What are your thoughts on which radio is best for field use?

[Non-text portions of this message have been removed]

31168. RE: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-13 04:54:10 UTC
From: Dave AA6YQ
Topic: 31148 Message: 31168

>>>AA6YQ comments below

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Bret McDanel
Sent: Sunday, September 12, 2010 7:55 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] computer control program options

On Sun, 2010-09-12 at 19:27 -0400, Dave AA6YQ wrote:

> >>>20 times per second is 50ms per operation - a lifetime for a
> microprocessor.

the eeprom is external to the microprocessor. The speed of the eeprom
is most likely slower than the microprocessor, especially for writing.

> What leads you to conclude that the radio's microprocessor is limited
> to this rate?

I never once said that the microprocessor was limited to that rate, I
said the eeprom was, and when you do a write via CAT you have to wait
for the command to finish before it lets you do another command.

Regardless I dont want to argue with you over this. I gave you the
information I had, what I have tested and personally done. I even tried
to give you the information you asked for, and you want to somehow prove
me wrong with obviously incorrect assertions. I guess so that you can
then, by proxy, say that I am wrong over my comment that it is not
terribly unsafe for someone to write to their eeprom. The reality is
that it is more likely that someone will write to the wrong area in
memory and require a full reset (losing calibration data) as opposed to
wearing the eeprom out. I say that as a developer of software for the
897 specifically.

I am finished with this thread unless there are real questions or real
fact based comments that do not appear to be wild guesses to spread FUD
and bias.

>>>Cautioning would-be 8x7 application developers to be careful with EEPROM writes is not spreading FUD, nor is it based on wild guesses. You seem awfully defensive about this...

73,

Dave, AA6YQ

[Non-text portions of this message have been removed]

31169. Bluetooth interface to FT-897

Yahoo group: FT897 (2010)
Date: 2010-09-13 05:55:30 UTC
From: Rob Stampfli
Topic: 31148 Message: 31169

On Sat, Sep 11, 2010 at 07:33:24PM -0400, Rob Stampfli wrote:
> My current project is much simpler: I just succeeded in integrating
> a Jabra Bluetooth adapter with my 897, so I can use a Bluetooth headset
> to listen and talk over the air. People give me good audio reports
> in this configuration. If anyone is interested in the details, let me
> know.

Several folks have asked for more information, so here is a pointer to
some material I cobbled together on what I did and how it works:

http://cboh.org/whitepapers/Bluetooth_Ham_Headset/

Rob / KD8WK

31170. Re: FT-450 vs FT-897 Current draw and field use opinions

Yahoo group: FT897 (2010)
Date: 2010-09-13 06:14:56 UTC
From: colin.bell99
Topic: 31167 Message: 31170

KE7ADU,

I own both an FT897D and an FT450 and I consider them different radios, not a newer version of a design.

I have never used them side by side in the field nor fitted any mechanical filters.

I have noticed the higher current draw on the FT450 but I had already read, before I purchased, the FT450 has extra current drawn.

I find them a good complimentary pair. There are a lot of minor differences. I have batteries fitted to my FT897 and with the 2m/70cm capability that makes me not even consider the sale of the FT897.

It really depends on your requirements.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "ke7adu" <ae7hs@...> wrote:
>
>
> Greetings,
>
> I own both an FT-450 and an FT-897D. I purchased the FT-450 this spring
> and was very impressed with the improved receive over the 897, so much
> so that I have been considering selling my FT-897 and purchasing a
> second FT-450 for field and ARES work.
>
> This weekend I did some current measurements on both radios that may
> have changed my mind. I am posting those measurements here for your
> review. My measurements were made with a simple ($60) VOM so I
> can't say they are precise but the relative numbers should be useful
> for comparison.
>
>
>
>
>
> FT-450
>
> FT-897D
>
> RX Current
>
> 0.78
>
> 0.35

>
> TX Current 100 Watts
>
> 14.50
>
> 13.30
>
> TX Current 20 Watts
>
> 7.70
>
> 6.20
>
> TX Current 5 Watts
>
> 5.25
>
> 3.75
>
> TX SSB no drive
>
> 3.80
>
> 1.62
>
>
>
>
>
>
>
> Estimated 24 hour Ah Usage 25% duty
>
>
>
> 100W
>
> 101.04
>
> 86.10
>
> 20W
>
> 60.24
>
> 43.50
>
> 5 W
>
> 45.54

>
> 28.80
>
> I am interested in hearing from those who:
>
> 1. 1. Have added the either a 2000 Hz or 2300 Hz mechanical filter
> to the radio. Was the receive improvement enough to justify the cost?
>
> 2. 2. Have used the FT-450 and FT-897 side by side in the field.
> What are your thoughts on which radio is best for field use?
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31171. Re: [FT897] eprom/flash memory write mitigation [was: computer control program options]

Yahoo group: FT897 (2010)
Date: 2010-09-13 09:23:06 UTC
From: Bret McDanel
Topic: 31148 Message: 31171

On Sun, 2010-09-12 at 19:29 -0700, Dean Gibson AE7Q wrote:
>
> On 2010-09-12 16:55, Bret McDanel wrote:
> > ... real fact based comments ...
> >

> So, the bottom line is that, as Bret states, it's pretty difficult to
> "wear out" a modern flash memory device, although it's not unheard of.
>
>

And that was my point. It is far more common to corrupt the memory by writing to the wrong space that it is to wear it out. There is a knee jerk reaction to one of two things anytime someone mentions writing to the eeprom. Either an errant signal will brick the device or you will wear out the eeprom. I addressed both of these in the blog post on eeproms (previously mentioned). I think most of them are FUD (fear uncertainty doubt) arguments to try to scare people into never ever doing anything eeprom related with their radio.

Btw if you want to contribute to my reversing of the eeprom effort since you say you have finished I have most of it on my webpage. I just got bored and never finished some of the areas. I would gladly take contributions :)

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31172. Re: Feed back

Yahoo group: FT897 (2010)
Date: 2010-09-13 13:34:19 UTC
From: Steve Yates
Topic: 31143 Message: 31172

What feedback problem? RF feedback? No feedback problems here. How is your station configured?

Steve - AA5TB

--- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
>
> anyone ever solve the FT897 feed back problem on
> 160 and 80/75
> it is really..... bad on 160 and the unit is useless.
> vr
> K9BW
>

31173. Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 16:56:09 UTC
From: Sean
Topic: 31173 Message: 31173

Does the stock mic really need to be upgraded or replaced? I seem to get better reports with the stock mic □vs- the new Heil GM-5. I do more SSB, but occasionally operate on AM. I was getting "off-freq." / "warble" reports on AM.

Sean
W7TRD

31174. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 17:35:51 UTC
From: Steve Yates
Topic: 31173 Message: 31174

Sean,

I've had good results with the stock mike on all modes except AM. For AM the audio is much cleaner with a microphone that has a higher frequency response. However, as is the case with almost all rice box rigs that have low level modulation it can often sound like the carrier it too weak, sort of like listening to SSB with an AM rig. To me it seems like it is the base response that causes this and microphones like the old Astatic D-104 microphones with their associated high frequency response sound better on rice box AM.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Does the stock mic really need to be upgraded or replaced? I seem to get better reports with the stock mic □vs- the new Heil GM-5. I do more SSB, but occasionally operate on AM. I was getting "off-freq." / "warble" reports on AM.
>
> Sean
> W7TRD
>

31175. Re: FT-450 vs FT-897 Current draw and field use opinions

Yahoo group: FT897 (2010)
Date: 2010-09-13 18:48:13 UTC
From: harry latterman
Topic: 31167 Message: 31175

At this time I do not have my FT-450 (Traded up for a IC-7200), but when I did have it, I did a comparison with my FT-897D which does have a 500 hz CW filter as well as a 2.3khz filter. Based on my tin ear at home and camping in the woods they are different beasts. The DSP features of the 450 are a lot better then that of the older 897D design. The reciever is hotter and the 450 does have a lot going for it. However the 897D with filters activated did a great job also. The 897 looks and feels like an outdoor, knock around radio. Plus the added feature of 2 m and 440 makes it even more fun in the field. To me it's a keeper. We won't compare the 7200 since it kicks the butt of both radio, but I will say more then half the time the 897 is the one I take out for a field trip. Power wise all IF DSP radios today suck power like crazy. This is true for the FT-450, IC-7000 and IC-7200. One day they will figure out how to do the magic IF DSP and not suck power.
But for now if you want the neat features of this type of DSP you will pay the price with a battery dying sooner. Can not be helped. One added note about my 897D is the fact I have the optional internal PS and a LDG AT-897. This makes a much, much better configuration then the junk ATU that comes with the 450/AT. 3:1 in the field just does not cut it. 10:1 in the field does. So that is my 2 cents worth...

73
Harry K7ZOV

[Non-text portions of this message have been removed]

31176. Re: [FT897] Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 20:04:29 UTC
From: DALE
Topic: 31173 Message: 31176

Nothing wrong with the stock mike. Vertex uses it on their commercial HF radios.
I do not thing the mike has anything to do with your AM problem.
That may be caused by high SWR cutting back the power.
Dale
----- Original Message -----
From: "Sean" <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Monday, September 13, 2010 9:56:09 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] Stock mic.

Does the stock mic really need to be upgraded or replaced? I seem to get better reports with the stock mic –vs- the new Heil GM-5. I do more SSB, but occasionally operate on AM. I was getting "off-freq." / "warble" reports on AM.

Sean
W7TRD

–'---

[Non-text portions of this message have been removed]

31177. Re: [FT897] Re: Feed back

Yahoo group: FT897 (2010)
Date: 2010-09-13 21:20:03 UTC
From: Rob Stampfli
Topic: 31143 Message: 31177

Ditto. I am on 160m more than half the time I'm on the air and I've never had any problem with my FT-897D. The only RF problems I've encountered with the rig to date involved the attempted use of a computer headset w/boom mike on 2m. That proved unworkable, though likely due to the cord not being shielded well enough. FWIW, the same setup works just great on 160m.

Rob / KD8WK

On Mon, Sep 13, 2010 at 01:34:19PM -0000, Steve Yates wrote:
> What feedback problem? RF feedback? No feedback problems here. How is your station configured?
>
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
> >
> > anyone ever solve the FT897 feed back problem on
> > 160 and 80/75
> > it is really..... bad on 160 and the unit is useless.
> > vr
> > K9BW
> >
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> ------------------------------------
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> Yahoo! Groups Links
>
>
>

31178. Re: [FT897] Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 21:28:32 UTC
From: Rob Stampfli
Topic: 31173 Message: 31178

On Mon, Sep 13, 2010 at 04:56:09PM -0000, Sean wrote:
> Does the stock mic really need to be upgraded or replaced? I seem to get better reports with the stock mic ?vs- the new Heil GM-5. I do more SSB, but occasionally operate on AM. I was getting "off-freq." / "warble" reports on AM.

I believe the stock mic is designed to provide good communications-quality audio, and it largely succeeds. I've never had an MH-36E8J (the one with a DTMF pad), so can't comment on that one. The MH-59A8J (remote hand mike) is a slick everything-built-in-but-the-kitchen-sink mic, but sounds the worse -- I'm told lots of breath noise.

What level of mic gain are you running? The default is 50, but based on what others have told me, that much audio is on the verge of being biting. I'm currently running a mic gain of 15 on SSB, and am told it sounds much more natural.

Rob / KD8WK

31179. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-13 22:05:32 UTC
From: Rob Stampfli
Topic: 31148 Message: 31179

This thread is personally interesting, although probably veering off topic for this forum. I got interested in flash memory after ordering a SheevaPlug computer to play with:

http://www.globalscaletechnologies.com/p-22-sheevaplug-dev-kit-us.aspx

The NAND memory on this device holds an active Unix file system, in addition to the boot software. Indeed, I had some initial concerns about inadvertently wearing out the memory by simply running an active OS. The file system -- one specifically designed for flash memory -- employs several forms of wear leveling, and is probably good enough to provide years of reliable service. OCZ is currently making Flash Sata II drives (no moving parts) warrantied for 3 years, so I suspect NAND devices and today's robust wear leveling technolgies are coming of age.

That said, I would be surprised if the FT-897 writes its flash every time the frequency is changed. (I'll defer to Bret or Dean if they know, though.) I would suspect an update only occurs on certain operations, such as changing bands, or powering down the rig -- the RAM "caching" Dean talks about.

Also, does anyone know if the 897 employs virtualized wear leveling? I would not be surprised if it does. This sort of thing may even be hidden in the hardware within the flash memory module itself. I think all current SDcards and thumb drives have it. OTOH, the 897 design is rather old (circa 2002?) so maybe it embeds the leveling in the 897 software.

It seems both Bret and Dean have both delved into the memory of the 897 in some detail. I'd certainly be interested in hearing more about what they've discovered.

Rob / KD8WK

On Sun, Sep 12, 2010 at 07:29:42PM -0700, Dean Gibson AE7Q wrote:
> On 2010-09-12 16:55, Bret McDanel wrote:
> > ... real fact based comments ...
> >
>
> First of all, my credentials:
>
> 1. 45 years software development (now retired),
> 2. of which the last 30 were embedded software development,
> 3. of which two years were working on a flash memory system (Datalight,
> Inc was the company) for inclusion in cell phones and other embedded
> devices where memory integrity is important across a wide variety of

> consumer usage,
> 4. of which 1/2 was improving the flash memory write mitigation;
> specifically, "wear leveling".
>
> 5. Oh, and in my spare time a few years ago I completely reverse
> engineered the eprom/flash memory (whichever it is) layout for the
> FT-897D and wrote a memory management program for it. The reason I have
> not made it public, is off-topic for this thread.
>
> OK, what is "memory write mitigation"? It is the reduction of physical
> writes to a device which suffers from "wear" due to writing. The
> following techniques can be used:
>
> 1. Delayed writes, so that multiple "writes" to a memory location in
> quick succession result in just a single (delayed) physical write.
>
> 2. Caching in RAM, with detection of a power-off event (scheduled or
> unscheduled) causing writing of any unwritten data. Just today I
> discovered a bug in Icom's ID-880H radio, where a certain operation
> caused the flash to be updated but not the RAM (the reverse of the
> normal bug), so that when one examined a setting after the operation and
> then power-cycled the radio, the setting changed (changing the setting
> "normally" kept the two in sync across a power cycle).
>
> 3. "Wear leveling", which use an additional layer of memory mapping
> (kinda like a virtual memory system) to cause successive writes to the
> same "location" to be mapped to different flash memory pages, so that
> repeated writes to one apparent "location" are spread throughout the
> device. These techniques are sophisticated, clever, and patented, and
> whole businesses are built on them (eg, Datalight, which provides flash
> memory system software to Toshiba, Motorola, SanDisk, Texas Instruments,
> and others I can't remember).
>
> This last concept is important to grasp. I have had arguments with
> digital photographers about how successive "reformatting" of a CF card
> writes the formatting information to different locations each time. It
> doesn't matter whether it's done in the camera or a CF card read
> attached to a PC; the software that controls the "wear leveling" is in
> the CF card's controller.
>
> So, the bottom line is that, as Bret states, it's pretty difficult to
> "wear out" a modern flash memory device, although it's not unheard of.

31180. Re: [FT897] Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 22:27:02 UTC
From: DALE
Topic: 31173 Message: 31180

The MH-59A8J is a hotter mic and more sensitive than the dynamic element in the stock mike. The mike gain needs to be readjusted for each mode.
Dale

----- Original Message -----
From: "Rob Stampfli" <res@...g>
To: FT897@yahoogroups.com
Sent: Monday, September 13, 2010 2:28:32 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Stock mic.

On Mon, Sep 13, 2010 at 04:56:09PM -0000, Sean wrote:
> Does the stock mic really need to be upgraded or replaced? I seem to get better reports with the stock mic –vs- the new Heil GM-5. I do more SSB, but occasionally operate on AM. I was getting "off-freq." / "warble" reports on AM.

I believe the stock mic is designed to provide good communications-quality audio, and it largely succeeds. I've never had an MH-36E8J (the one with a DTMF pad), so can't comment on that one. The MH-59A8J (remote hand mike) is a slick everything-built-in-but-the-kitchen-sink mic, but sounds the worse -- I'm told lots of breath noise.

[Non-text portions of this message have been removed]

31181. Re: [FT897] Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-13 22:52:25 UTC
From: Michael Hughey
Topic: 31173 Message: 31181

Maybe try and decrease the mic gain on the dtmf mic to get rid of the "breath noise". This might even work on the Heil. There are other mic adjustments in the FT-897 main menu that might help tweek the mic.

KF4DUS - Mike

From: DALE <wa7ixk@...>
To: FT897@yahoogroups.com
Sent: Mon, September 13, 2010 4:27:02 PM
Subject: Re: [FT897] Stock mic.

The MH-59A8J is a hotter mic and more sensitive than the dynamic element in the stock mike.

The mike gain needs to be readjusted for each mode.
Dale

----- Original Message -----
From: "Rob Stampfli" <res@...>
To: FT897@yahoogroups.com
Sent: Monday, September 13, 2010 2:28:32 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Stock mic.

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> Does the stock mic really need to be upgraded or replaced? I seem to get better
>reports with the stock mic –vs- the new Heil GM-5. I do more SSB, but
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>

I believe the stock mic is designed to provide good communications-quality audio, and it largely succeeds. I've never had an MH-36E8J (the one with a DTMF pad), so can't comment on that one. The MH-59A8J (remote hand mike) is a slick everything-built-in-but-the-kitchen-sink mic, but sounds the worse -- I'm told lots of breath noise.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31182. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-13 22:53:22 UTC
From: Bret McDanel
Topic: 31148 Message: 31182

On Mon, 2010-09-13 at 18:05 -0400, Rob Stampfli wrote:
>
> That said, I would be surprised if the FT-897 writes its flash every
> time the frequency is changed. (I'll defer to Bret or Dean if they
> know, though.) I would suspect an update only occurs on certain
> operations, such as changing bands, or powering down the rig -- the
> RAM "caching" Dean talks about.
>

How I came to this conclusion. I removed the internal batteries. I then connected a 12v feed to the rear of the radio (not using the power supply tray but a standalone 12v power supply). I turn the radio on, spin the knob and cut the power. When I reapply power the frequency I was on is restored.

The only way that it can do this is if it is writing the frequency or if there is an internal capacitor/battery capable of flushing ram to nvram (eeprom).

Given this I believe that it is written "live" and they use the other method Dean talked about (it is slow responding to a 'write' request). While the storage media itself may do internal wear leveling I doubt that for a variety of reasons.

http://www.0xdecafbad.com/2009/08/ft-897-memory-map/ I do not seem to have it documented, Dean should know where it is though :) There is a memory location for the current radio settings. Once you change the freq or other parameters it gets saved so if you power cycle the radio it will be able to go back where you left it.

> Also, does anyone know if the 897 employs virtualized wear leveling?
> I would not be surprised if it does. This sort of thing may even be
> hidden in the hardware within the flash memory module itself.

It could be, the easiest way is to locate the prom and pull the data sheet. That will also let you know how many writes are guaranteed (as much as anything is).

> I think
> all current SDcards and thumb drives have it. OTOH, the 897 design is
> rather old (circa 2002?) so maybe it embeds the leveling in the 897
> software.
>
That would be in the eeprom that is in the cpu (assuming its using the design I seem to recall).

I guess some additional explanation should be given for readers who do not keep up on such things :)

Some embedded cpus have a small eeprom physically inside them. This is often used for the bootloader and will bring up external eeproms or other storage media. If the entire application is small enough it will be contained 100% in this eeprom.

In addition to the program that runs which controls the radio, reads button status, etc, there is the bandplan data, memory locations, etc.

It appears to me that the "read eeprom" command reads from managed memory (not quite an MMU but a somewhat similar concept). Take the 60m memories that exist only in certain configurations. The memory space should always be there if it is not mapped by something. Because you request data to be read as opposed to directly reading it this is entirely possible to do with a limited amount of memory being consumed.

The area that you appear to get access to when reading the eeprom is only the memories and what not and not program code or bandplan data (although the jumper setting data is available).

I do have an undocumented CAT command that does not appear to do anything. It is *POSSIBLE* that it enables other areas to be read. It seems to me that if Yaesu is going to upgrade your firmware they would not want to desolder and resolder a new chip if they do not have to.

What I have not done, and maybe Dean can comment.
I have not looked for which chip the cpu is to identify what eeprom it has internally.

I have not tried to see if there is an external eeprom or if its all on the in-cpu eeprom.

Chip numbers should yield data sheets fairly easily if they are standard chips (its so easy and fairly cheap to get a custom label on the chip, or make a custom chip that is really a composite of a couple others).

I have not finished my memory map, and will not for at least a month now (although after this I am more inspired than I had been :) I will have internet over the next month but will not be able to have access to my radio, so at best I can take submissions from people that more completely documents the memory locations :)
http://www.0xdecafbad.com/2009/08/ft-897-memory-map/

Wow you read this far, dont you have a life?

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31183. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-13 23:00:02 UTC
From: Carl Wulfestieg
Topic: 31148 Message: 31183

Maybe you guys should start a Yahoo Eprom Group? LOL Ha Ha
88 Carl WZ4CW

[Non-text portions of this message have been removed]

31184. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-13 23:55:12 UTC
From: Bret McDanel
Topic: 31148 Message: 31184

On Mon, 2010-09-13 at 19:00 -0400, Carl Wulfestieg wrote:
>
> Maybe you guys should start a Yahoo Eprom Group? LOL Ha Ha
> 88 Carl WZ4CW
>
lets add the cpu to that list :)

http://pdf1.alldatasheet.com/datasheet-pdf/view/249719/RENESAS/HD64F2134AV.html

The chip on mine is H8S/2134A series. I cant imagine this would change
much since it would increase development and support costs long term.

128k rom, 4k ram

That is certainly enough to hold everything and not require an external
eeprom.

I do have an external eeprom, 128k 24lc1281.
http://www.alldatasheet.com/datasheet-pdf/pdf/194702/MICROCHIP/24LC128-I/SN.html

It might be interesting to do a dump of that eeprom and see what it
contains. It is tied directly to the cpu, but I really didnt look up
which pins are which. I appear to be getting old now and require a
magnifying lens and can no longer trace stuff with my bare eyes. I had
problems reading the chips which is a first for me :/

Specs seem to include:
More than 1 million erase/write cycles
Data retention > 200 years

Interestingly you write to this chip in virtually the same way you use
the write Eeprom command via the CAT interface. This may be a
coincidence though.

Anyway, this is all I have time for before my flight. It should give
people a bigger leap if they want to start digging into things.

If anyone has the ability to dump that eeprom I would love to look at
the dump, email me off list if you can provide one.

kc2dwq
--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31185. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-14 04:06:21 UTC
From: Rob Stampfli
Topic: 31148 Message: 31185

On Sat, Sep 11, 2010 at 04:55:57PM -0700, Bret McDanel wrote:
> On Sat, 2010-09-11 at 19:33 -0400, Rob Stampfli wrote:
> >
> > I notice that HRD seems to be able to control a good deal more of the
> > FT-897 than just what is documented under the CAT section of the
> > manual.
> > Just curious: where did you find out how to craft the extra CAT
> > commands to control the radio?
>
> I do not know much about HRD, so I do not know if it is doing anything
> that I do not have documented on my site. I am the author of the
> material at 0xdecafbad.com so I can speak on that.
...
> If you can give an example of something HRD does that is not documented
> I can try to see if there is a way to accomplish that based on what I
> know. There are actually a lot of documented commands and the CAT
> commands for the 817, 857 and 897 appear to be the same, although the
> memory layout is different for the 817 vs 857/897.

Well, the only information I have on CAT operation is from the FT-897
manual, pages 63 and 64. Since CAT seems to be standardized across
much of the Yaesu line, perhaps there is better documentation for it
elsewhere. But, for the specific example... Well, there is nothing
in the FT-897 manual specifying the opcodes for, or how to control,
the various analog functions -- RF Power, Mic Gain, VOX Delay, etc. --
yet HRD has sliders for all these functions that work well.

OTOH, HRD also seems to have some glaring errors: If you, say, adjust
the IF Shift from the radio, and then change another parameter from HRD,
the IF Shift setting will be lost. Also, there are some squirrelly
things that happen when trying to control the DSP functions from HRD.

I have it on my to-do list to take a closer look at your excellent site
at some point. However, at the moment, I've got too many other things
going on.

Rob / KD8WK

31186. Re: [FT897] computer control program options

Yahoo group: FT897 (2010)
Date: 2010-09-14 05:15:13 UTC
From: Bret McDanel
Topic: 31148 Message: 31186

On Tue, 2010-09-14 at 00:06 -0400, Rob Stampfli wrote:
>
> Well, the only information I have on CAT operation is from the FT-897
> manual, pages 63 and 64. Since CAT seems to be standardized across
> much of the Yaesu line, perhaps there is better documentation for it
> elsewhere. But, for the specific example... Well, there is nothing
> in the FT-897 manual specifying the opcodes for, or how to control,
> the various analog functions -- RF Power, Mic Gain, VOX Delay, etc. --
> yet HRD has sliders for all these functions that work well.
>

CAT is standardized to the lowest common denominator. There is no way to know what version is supported so it does not have extended command sets that I am aware of. Everything uses the same version, which does not have the features for newer radios. They could just rely on the "invalid command" return value and add in new features but it appears Yaesu does not particularly like the CAT protocol for some reason and they never made it as robust as it could be. Probably the hardware guys and software guys bickering about what should be a hardware control and what should be a software control so it never got enhanced :)

http://www.0xdecafbad.com/FT8xxCAT.html for my perl lib which does not have any of this although it might if it is confirmed that its a memory write that changes it. Confirmation would be simply writing to 1 and only 1 parameter and seeing if it changes, then going to the next and seeing if they can be stacked (ie change multiple things and see if any revert).

http://www.0xdecafbad.com/2009/08/ft-897-memory-map/ for the memory addresses referenced

I do not have an opcode for setting the power, it is however stored in a known memory location (odds are this is different for the 817, but it should be these locations for the 857 & 897 - all testing was done on the 897 and afaik there are not different 'generation' maps but there might be ...)
00:9b RF Power Set HF value in watts
00:aa RF Power Set 6m value in watts
00:ab RF Power Set 2m value in watts
00:ac RF Power Set 70cm value in watts

I am just going to guess here, although I personally have not tried it, that if you write a new value there then Tx, it will Tx at the new power setting.

When you write to the eeprom you go through software on the cpu. This can take care of setting everything required through a variety of means internally so that your settings are live as soon as you specify them. The reality is that it does not matter how, either it will use the new values or it wont. If it does I do not think it matters how (for anything related to this topic).

On a similar note, when you press the PTT button (or anything else save 1 or 2 knobs) it is sending an event to the cpu, which in turn is processed by the firmware in the radio. At this point it can read the values required to set the radio into the mode it should be in for transmission. So there are a variety of ways that scribbling to memory can achieve this and I am about 75% confident this is the method that is used.

00:77 Vox delay in hundreds of ms
same guess, that the memory locations are read at Tx time. Again, its just a guess, but it would not take much to try it.

00:7a SSB Mic gain
00:7b AM Mic gain The first bit is not counted, on mine its always 1
00:7c FM Mic gain
00:7d Dig mic gain
00:7e PKT mic gain (1200)
00:7f PKT mic gain (9600)
And again, still guessing.

I made the map by dumping the data in question, change 1 thing, dump again and see what changed - and how. Lather rinse repeat. Its time consuming and that is why I have not yet finished, oh and its also really boring :)

> OTOH, HRD also seems to have some glaring errors: If you, say, adjust
> the IF Shift from the radio, and then change another parameter from
> HRD,
> the IF Shift setting will be lost. Also, there are some squirrelly
> things that happen when trying to control the DSP functions from HRD.
>

That may be more of a limitation on how you can change it, if they are as I suspect writing to known areas of memory (eeprom) then it may be that the radio is resetting some values because there is no proper way to do it.

I can think of a bug in the software that would cause this, although I have no idea if this is the culprit. They could be using a queuing system, such that you make a bunch of changes then it will try to commit them all at once. If the queue is buggy then changes are lost. Then again it could just be the radio itself is losing them. Because I dont know (and have never used HRD) I cant really blame anyone for the bug you described, it can just as easily be one or the other.

Sniffing the serial port to see what they actually send would be able to tell when commits are done and how. There are several free tools that let you monitor activity over a serial line, you only have to google for them (virtual serial port monitor is a likely good starting search term).

> I have it on my to-do list to take a closer look at your excellent
> site
> at some point. However, at the moment, I've got too many other things
> going on.
>

I dont know how excellent it is, but thanks :)

kc2dwq

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31187. Re: [FT897] Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-09 11:36:42 UTC
From: Jack van der Hout
Topic: 31117 Message: 31187

Sometimes they say: RTFM

Page: 53 & 58

Rgds and 73's

Jack, 79WO189

On Tue, Sep 7, 2010 at 7:23 AM, mmeenan43 <meenan.mike@...> wrote:

>
>
> I'm trying to get the 897 to change display color when I switch bands, but
> when I go to Menu 041, the only choice I am given is FIX and choosing colors
> 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What
> am I missing?
>
> Mike, ND6MM
>
>
>

[Non-text portions of this message have been removed]

31188. Re: [FT897] Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-09-10 13:29:49 UTC
From: Paul Kaiser
Topic: 30883 Message: 31188

No.
      The back ground hiss,cannot be squelched out on 2m, Is there a way to squelch it out ????

--- On Mon, 8/16/10, colin.bell99 <colin.bell99@...> wrote:

From: colin.bell99 <colin.bell99@...>
Subject: [FT897] Re: noise level increases after transmitting
To: FT897@yahoogroups.com
Date: Monday, August 16, 2010, 6:27 AM

Chuck,

I'm not sure I understand your original comments.

Is the noise after transmitting (and staying about an hour) audible on all bands (albeit at different volume levels for different bands)? My interpretation is that it is. Does this include 2m/70cm?

When you have the noise after transmitting have you tried disconnecting the antenna? Does the noise then disappear or is it still audible? If the noise disappears I would think you have someting wrong with your radio. If it doesn't are you running on an external power supply? Have you tried batteries?

73 de Colin 2E0BPP

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31189. Re: Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-13 19:46:19 UTC
From: mchenryproj
Topic: 31117 Message: 31189

Is there a way to set specific colors to the bands you choose? If I want say 6m, 2m and 440 green but HF Blue? It's a good quick ref when you can only glance at the display.

S

--- In FT897@yahoogroups.com, "mmeenan43" <meenan.mike@...> wrote:
>
> I'm trying to get the 897 to change display color when I switch bands, but when I go to Menu 041, the only choice I am given is FIX and choosing colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What am I missing?
>
> Mike, ND6MM
>

31190. Re: [FT897] Dummie guide to ft897?

Yahoo group: FT897 (2010)
Date: 2010-09-10 23:55:44 UTC
From: b j
Topic: 31132 Message: 31190

Just hold the f key for a second it will take you through the a b c exc. you will get to e
DE Barry VE3BLM

Hi,

Is ther emoting like a dummies guide to the ft897? Ikeep trying to find menu e, it says press f and then select menu e but I can get there, it just circles around the 90 options in setup. I wanted to be sure pl was on for two metros.

Thanks,
Robert

[Non-text portions of this message have been removed]

31191. Re:digimaster pro+ from zlp electronics

Yahoo group: FT897 (2010)
Date: 2010-09-13 11:20:14 UTC
From: Lissa
Topic: 31159 Message: 31191

> I expect the valuable experience while using digimaster pro+ from zlp
> electronics
> with ft897d for cat controle and digital modes.i want to purchase one
> and i am big zero in digimodes please reply with the suggesions

I found the ZLP Digimaster Pro+ interface to be very good. The only downside that I found was that I was expecting there to be just the one lead to the PC (a USB one) but there turned out to be 3. One USB and two audio cables (PC Line In and Line Out). However, functionally I can't fault the operation of the Digimaster and IMHO it offers exceptional value for the money.

Lissa
EA7/G8AZC

31192. Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

Yahoo group: FT897 (2010)
Date: 2010-09-13 05:21:21 UTC
From: mchenryproj
Topic: 31192 Message: 31192

I do some maintenance at a broadcasting school these days and one of the instructors handed me a broken video camera battery pack a while ago. It is made up of multiple 3.7 volt Li-ion batteries in the 4/5C size model US18650GR. They seem compact enough and are 2400mAh each. Seems to me these would be a great choice and space saving too for FT-897D battery packs. 4 of these should be 14.8vdc at 2400 per pack of only 4 cells. That means only 8 cells would equal the 2 packs on the market now made with 22 total 1.2vdc cells. From one example retailer on the web, I can get 8 of these at 3.99 each. That's $31.92 for the batts. I have also found pairs used (pulls) on eBay for 4.99 per pair. According to some of the RC modeler boards they weigh in at 47 grams per cell. What would be fantastic is to find some sort of battery holder for these so you don't even have to solder them together.

Seems like a weight, space and cost savings to me. Will these fit? Is the 14.8 too high a voltage? Adding a fuse/thermister and a heavy diode in there should drop it to a safer voltage and provide short protection.

Not sure how these stack up to the standard packs being sold by Yaesu and the other folks. Still looking for a way to get less expensive batteries in the rig.

Sean
KB8JNE

31193. Re: Bluetooth interface to FT-897

Yahoo group: FT897 (2010)
Date: 2010-09-13 17:20:45 UTC
From: mchenryproj
Topic: 31148 Message: 31193

I passed this on to Rob but, as the Jabra units are getting rare, I hit eBay yesterday to look for alternatives and found these 3 listings;

First, someone is selling non working Jabra units. I wonder if this is just the battery issue Rob mentioned in his info? If so, these can be woken up easily enough. I sent the guy a message asking what specifically is the issue. No reply yet. This is for a lot of 5 "defective" A210 units:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=280358911341&ssPageName=STRK:MEWAX:IT

The following 2 links are for lots of 10 of a similar unit but i have no knowledge of the specs on these or if they are any good for this function;

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120611569746&ssPageName=STRK:MEWAX:IT

and

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120611569808&ssPageName=STRK:MEWAX:IT

The last looks very similar to the Jabra units. Just thought I would point those out. If anyone gets curious and want's to try these let me know.

Sean
KB8JNE

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> On Sat, Sep 11, 2010 at 07:33:24PM -0400, Rob Stampfli wrote:
> > My current project is much simpler: I just succeeded in integrating
> > a Jabra Bluetooth adapter with my 897, so I can use a Bluetooth headset
> > to listen and talk over the air. People give me good audio reports
> > in this configuration. If anyone is interested in the details, let me
> > know.
>
> Several folks have asked for more information, so here is a pointer to
> some material I cobbled together on what I did and how it works:
>
> http://cboh.org/whitepapers/Bluetooth_Ham_Headset/
>
> Rob / KD8WK
>

31194. Re: [FT897] Using a Shure 444 Mike with an FT897

Yahoo group: FT897 (2010)
Date: 2010-09-10 10:25:17 UTC
From: willie hawkins
Topic: 31120 Message: 31194

Hi Andy yes i have a shure450 wired to 857d works well from the reports i get
willie zl2agd

--- On Wed, 9/8/10, OHM <g6ohm@...> wrote:

From: OHM <g6ohm@...>
Subject: [FT897] Using a Shure 444 Mike with an FT897
To: FT897@yahoogroups.com
Date: Wednesday, September 8, 2010, 3:52 PM

Hi everyone heres a question.

Has anyone wired up a Shure 444 mike to a Yaesu FT897D.
If so how well did it work ?
I would be interested in comments as i'm thinking about buying a Shure mike.

Andy G6OHM

[Non-text portions of this message have been removed]

31195. Re: [FT897] Re: Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-14 05:38:19 UTC
From: Dean Gibson AE7Q
Topic: 31117 Message: 31195

No, but see http://www.ae7q.net/doc/public/FT-897D.php

On 2010-09-13 12:46, mchenryproj wrote:
> Is there a way to set specific colors to the bands you choose? If I want say 6m, 2m and 440 green but HF Blue? It's a good quick ref when you can only glance at the display.
>
> S
>
> --- In FT897@yahoogroups.com, "mmeenan43" <meenan.mike@...> wrote:
>
>> I'm trying to get the 897 to change display color when I switch bands, but when I go to Menu 041, the only choice I am given is FIX and choosing colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP, etc. What am I missing?
>>
>> Mike, ND6MM
>>

31196. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-14 13:26:13 UTC
From: Charles Scott
Topic: 31148 Message: 31196

Bret:

I doubt it's dynamically storing the current frequency and settings all the time. More likely it's writing the current state of the radio to nvram on power-down. Should be plenty of time to do that between detecting a power down and a loss of power to the processor. There is a PO-DWN line to the processor that comes off of what looks like a circuit to detect loss of the 13V line.

Chuck

On 9/13/2010 6:53 PM, Bret McDanel wrote:
> How I came to this conclusion. I removed the internal batteries. I
> then connected a 12v feed to the rear of the radio (not using the
> power supply tray but a standalone 12v power supply). I turn the radio
> on, spin the knob and cut the power. When I reapply power the
> frequency I was on is restored. The only way that it can do this is if
> it is writing the frequency or if there is an internal
> capacitor/battery capable of flushing ram to nvram (eeprom). Given
> this I believe that it is written "live" and they use the other method
> Dean talked about (it is slow responding to a 'write' request). While
> the storage media itself may do internal wear leveling I doubt that
> for a variety of reasons.
> http://www.0xdecafbad.com/2009/08/ft-897-memory-map/ I do not seem to
> have it documented, Dean should know where it is though :) There is a
> memory location for the current radio settings. Once you change the
> freq or other parameters it gets saved so if you power cycle the radio
> it will be able to go back where you left it.

31197. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-14 13:31:21 UTC
From: Steve Yates
Topic: 31173 Message: 31197

Also in regards to "breath noise", talk across a microphone, not into it. This is particularly true when using hand mics.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> Maybe try and decrease the mic gain on the dtmf mic to get rid of the "breath
> noise". This might even work on the Heil. There are other mic adjustments in
> the FT-897 main menu that might help tweek the mic.
>
> KF4DUS - Mike

31198. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-14 13:58:10 UTC
From: Bret McDanel
Topic: 31148 Message: 31198

On Tue, 2010-09-14 at 09:26 -0400, Charles Scott wrote:
>
> Bret:
>
> I doubt it's dynamically storing the current frequency and settings
> all
> the time. More likely it's writing the current state of the radio to
> nvram on power-down. Should be plenty of time to do that between
> detecting a power down and a loss of power to the processor. There is
> a
> PO-DWN line to the processor that comes off of what looks like a
> circuit
> to detect loss of the 13V line.
>

And that may be, it seems sketchy that it can do this without some additional power source (battery/capacitor). Especially if the external eeprom is what is holding the setting data. That would be two chips that need power instead of just one, further exacerbating the problem.

All I know is that if you remove the batteries and the power the settings are saved. So if it is writing on shutdown it is doing so with some reserve power from somewhere, and that makes it a little more obvious to see where.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31199. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-14 14:16:17 UTC
From: Charles Scott
Topic: 31148 Message: 31199

Bret:

According to the schematic in the service manual, the 5V regulator for the processor and associated circuitry is fed from 13V through a diode to a 1000uF capacitor at the input of the regulator. Clearly that's there to continue to power the processor for some period of time after power-down. Not knowing the load on that regulator it's not possible to calculate the time constant, but I suspect it's considerable.

Chuck - N8DNX

On 9/14/2010 9:58 AM, Bret McDanel wrote:
> And that may be, it seems sketchy that it can do this without some
> additional power source (battery/capacitor). Especially if the external
> eeprom is what is holding the setting data. That would be two chips
> that need power instead of just one, further exacerbating the problem.
>
> All I know is that if you remove the batteries and the power the
> settings are saved. So if it is writing on shutdown it is doing so with
> some reserve power from somewhere, and that makes it a little more
> obvious to see where.
>
>

31200. Re: [FT897] Re: Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-14 15:12:26 UTC
From: Patrick
Topic: 31117 Message: 31200

HI,
When you see the FIX displayed in Menu 41 , If you PRESS IN the knob
you will get other options
Patrick GW1SXN
----- Original Message -----
From: "mchenryproj" <mchenryproj@...>
To: <FT897@yahoogroups.com>
Sent: Monday, September 13, 2010 8:46 PM
Subject: [FT897] Re: Can't set band display colors

> Is there a way to set specific colors to the bands you choose? If I want
> say 6m, 2m and 440 green but HF Blue? It's a good quick ref when you can
> only glance at the display.
>
> S
>
> --- In FT897@yahoogroups.com, "mmeenan43" <meenan.mike@...> wrote:
>>
>> I'm trying to get the 897 to change display color when I switch bands,
>> but when I go to Menu 041, the only choice I am given is FIX and choosing
>> colors 1-32. Can't access the other choices, such as ARTS, BAND, MEMGRP,
>> etc. What am I missing?
>>
>> Mike, ND6MM
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31201. Re: [FT897] Re: Can't set band display colors

Yahoo group: FT897 (2010)
Date: 2010-09-14 15:27:24 UTC
From: Mike Meenan
Topic: 31117 Message: 31201

Thanks, everybody!

Mike ND6MM

[Non-text portions of this message have been removed]

31202. Re: Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

Yahoo group: FT897 (2010)
Date: 2010-09-14 17:19:10 UTC
From: faygopaygo
Topic: 31192 Message: 31202

Sean,

Two comments. First, the main thing you must research is current handling capability. Most LiIon batteries made for consumer electronics (like your camcorder) can not handle the large current draw that is needed for the 897. Make sure your batteries are rated for AT LEAST a 10C(24 amps) CONTINUOUS power draw. The RC batteries used for mid to high power planes can handle gobbs of power(20-100 amps). Normally they are also bigger than the batteries you mention. No free lunch!! If your camcorder batteries are being used by the RC boys for transmitter packs or low powered park flyers forget it! The newer Lipoly or LiFe batteries are smaller, lighter and have better current density than the OEM batteries but they are expensive and in the case of Lipoly's potentially dangerous, no free lunch!

Secondly, I am not sure if you got the OEM battery specs correct. Four 3.7 lion packs in series will give you 14.8 volts at 2400 mah capacity. two of these in parallel will give you 14.8 volts and 4800 mah. This equals only ONE! of the OEM battery packs as far as I know. So you would need 16 batteries to equal the two OEM packs the radio can hold. Also, remember that you are limited to 20 watts out by the OEM batteries. My guess is that your camcorder batteries would be much less than that. The 14.8 volts is technically within the 897's tolerance range. If you can dish out about 300 bucks you can get A123 LiFe batteries and the special charger you will need to charge them. They maybe will fit in the 897, and you would have to make your own packs and wire them. The advantage would be near full power operation (A123's are only 3.2 V per cell so 12.8V for a 4 cell pack, still in the 897 V tolerance range), longer life and safer operation. Personally I would just buy external packs and avoid the hassle of cramming batteries into the radio.

Hope this helps,

Randy
KG6WCA

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
> I do some maintenance at a broadcasting school these days and one of the instructors handed me a broken video camera battery pack a while ago. It is made up of multiple 3.7 volt Li-ion batteries in the 4/5C size model US18650GR. They seem compact enough and are 2400mAh each. Seems to me these would be a great choice and space saving too for FT-897D battery packs. 4 of these should be 14.8vdc at 2400 per pack of only 4 cells. That means only 8 cells would equal the 2 packs on the market now made with 22 total 1.2vdc cells. From one example retailer on the web, I can get 8 of these at 3.99 each. That's $31.92 for the batts. I have also found pairs used (pulls) on eBay for 4.99 per pair. According to some of the RC modeler boards they weigh in at 47 grams per cell. What would be fantastic is to find some sort of battery holder for these so you don't even have to solder them together.
>
> Seems like a weight, space and cost savings to me. Will these fit? Is the 14.8 too high a

voltage? Adding a fuse/thermister and a heavy diode in there should drop it to a safer voltage and provide short protection.
>
> Not sure how these stack up to the standard packs being sold by Yaesu and the other folks. Still looking for a way to get less expensive batteries in the rig.
>
> Sean
> KB8JNE
>

31203. Re: [FT897] Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

Yahoo group: FT897 (2010)
Date: 2010-09-14 17:25:28 UTC
From: DALE
Topic: 31192 Message: 31203

Check this source out.
http://www.batteryspace.com/Battery-holder-Li-Ion-18650-Battery-Holder-1S4P-With-2.6-long-20AWG.aspx
You will need the charger to go with it. It has built in battery protection board.
Lots of educational material one needs if messing with those batteries.
Dale

----- Original Message -----
From: "mchenryproj" <mchenryproj@...>
To: FT897@yahoogroups.com
Sent: Sunday, September 12, 2010 10:21:21 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

I do some maintenance at a broadcasting school these days and one of the instructors handed me a broken video camera battery pack a while ago. It is made up of multiple 3.7 volt Li-ion batteries in the 4/5C size model US18650GR. They seem compact enough and are 2400mAh each. Seems to me these would be a great choice and space saving too for FT-897D battery packs. 4 of these should be 14.8vdc at 2400 per pack of only 4 cells. That means only 8 cells would equal the 2 packs on the market now made with 22 total 1.2vdc cells. From one example retailer on the web, I can get 8 of these at 3.99 each. That's $31.92 for the batts. I have also found pairs used (pulls) on eBay for 4.99 per pair. According to some of the RC modeler boards they weigh in at 47 grams per cell. What would be fantastic is to find some sort of battery holder for these so you don't even have to solder them together.

Seems like a weight, space and cost savings to me. Will these fit? Is the 14.8 too high a voltage? Adding a fuse/thermister and a heavy diode in there should drop it to a safer voltage and provide short protection.

Not sure how these stack up to the standard packs being sold by Yaesu and the other folks. Still looking for a way to get less expensive batteries in the rig.

Sean
KB8JNE

[Non-text portions of this message have been removed]

31204. Re: Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

Yahoo group: FT897 (2010)
Date: 2010-09-14 23:06:18 UTC
From: mchenryproj
Topic: 31192 Message: 31204

Hey folks. Thanks for the info. Not sure where to get a fast track education on these new battery technologies. We don't use these things in the fields I have been in except for the older NiCd packs for 100W on camera lighting and camcorders in Broadcasting, and the manufacturers we stick to are a limited number of folks. Not going the NiCd route. Too expensive, low power and voltage, heavy and short life. I do have a few 12v batts from Bescor I have been using in my late evening listening sprees on the patio. If you want batteries with soft cases, take a look at them. They even have a new breed that's 14v. 12v is good but 13.8 would be great.

I have yet to learn about the C ratings for drain characteristics but have been trying to get bits and pieces from the R/C gangs online. Those guys know batteries it seems. I'm sure some of you guys do too.

I thought the Yaesu packs were only 2400mAh each. I'll look that up in a minute. I also found these packs on eBay aimed at the R/C crowd too. 14.8 @ 4800mAh pre-built into packs. http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=230526107674&ssPageName=STRK:MEWAX:VRI

I'll be looking into battery holders too. Thanks for the help.

The reason I went with the 897D was for the internal battery options but I was hoping others would have figured out less expensive on-board packs by now. Seems some enterprising Japanese or Korean companies might be missing out on a big seller here.

Sean
KB8JNE

31205. Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-15 02:15:06 UTC
From: Mike Ernst
Topic: 31148 Message: 31205

I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?

73,

Mike, AE8U

[Non-text portions of this message have been removed]

31206. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-15 07:48:19 UTC
From: Bret McDanel
Topic: 31148 Message: 31206

On Tue, 2010-09-14 at 10:16 -0400, Charles Scott wrote:
>
>
> Bret:
>
> According to the schematic in the service manual, the 5V regulator
> for
> the processor and associated circuitry is fed from 13V through a
> diode
> to a 1000uF capacitor at the input of the regulator. Clearly that's
> there to continue to power the processor for some period of time
> after
> power-down. Not knowing the load on that regulator it's not possible
> to
> calculate the time constant, but I suspect it's considerable.
>

I would argue that its not "clear" but it is a good indicator. What
about the external eeprom that appears to contain the data in question?
Is that powered from the same capacitor?

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31207. Re: eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-15 14:12:25 UTC
From: john_kb0ne
Topic: 31148 Message: 31207

I'd bet that it may also store rig settings to NV ram when changing bands... Notice how the rig comes back to it's previous basic setting and frequency when changing back and forth. You're right, continuous writes while dialing back and forth across a band would add up the write cycles for sure.

John KB0NE

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bret:
>
> I doubt it's dynamically storing the current frequency and settings all
> the time. More likely it's writing the current state of the radio to
> nvram on power-down. Should be plenty of time to do that between
> detecting a power down and a loss of power to the processor. There is a
> PO-DWN line to the processor that comes off of what looks like a circuit
> to detect loss of the 13V line.
>
> Chuck

31208. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-15 14:25:54 UTC
From: john_kb0ne
Topic: 31148 Message: 31208

Hi,
While the on-off CAT command isn't listed in my manual, it's obvious that Yaesu has additional "hidden" CAT commands.

The reason I say that is because the MH-59A8J REMOTE MICROPHONE uses CAT input via the mic jack to the rig to change frequency and (FAST[Power]) and so on.

I don't know if Simon has incorporated these commands in HRD or not but it would be worth a shot to e-mail him directly and you may get the info you need.

simon@hb9drv.ch is his e-mail address.

John @ KB0NE

--- In FT897@...m, "Mike Ernst" <ae8u@...> wrote:
>
> I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?

31209. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-15 14:56:56 UTC
From: john_kb0ne
Topic: 31148 Message: 31209

That's simon (at) hb9drv (dot) ch
Looks like yahoo may have messed with the e-mail address.....

--- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@...> wrote:

> I don't know if Simon has incorporated these commands in HRD or not but it would be worth a shot to e-mail him directly and you may get the info you need.
>
> simon@... is his e-mail address.
>
> John @ KB0NE

31210. Re: [FT897] Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-15 14:57:23 UTC
From: Matt Patterson
Topic: 31148 Message: 31210

Back in the day when I used to work for a local ISP back when 28.8 modems were the fastest thing around we had several POPs spread out in several of the local towns so folks could have local numbers to dial. We had devices on the equipment that plugged into the AC outlet then you plugged everything into this device which also had a phone line plugged into it as well. What you did is dial the number to the device, it would answer and you punched in your pin from your phone. Then it would give you the option to turn off the power to the equipment. You then waited a few seconds then selected another option to turn the power back on. I can't remember what these devices were call or a brand name but this would be one way to solve the problem. Just have it cut the power to your power supply or the 897s built in supply if you have that option.

73 Matt
W5LL

On 9/15/2010 9:25 AM, john_kb0ne wrote:
>
> Hi,
> While the on-off CAT command isn't listed in my manual, it's obvious
> that Yaesu has additional "hidden" CAT commands.
>
> The reason I say that is because the MH-59A8J REMOTE MICROPHONE uses
> CAT input via the mic jack to the rig to change frequency and
> (FAST[Power]) and so on.
>
> I don't know if Simon has incorporated these commands in HRD or not
> but it would be worth a shot to e-mail him directly and you may get
> the info you need.
>
> simon@... <mailto:simon%40hb9drv.ch> is his e-mail address.
>
> John @ KB0NE
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Mike
> Ernst" <ae8u@...> wrote:
> >
> > I have been working on setting up my FT-897D to run with Ham Radio
> Deluxe, and then to have HRD remote into the FT-897D. I have
> everything working and it seems to work well. The one remaining
> challenge I have is coming up with a way to have HRD switch the power
> to the radio ON and OFF. Does anyone know of a way to do that?
>
>

[Non-text portions of this message have been removed]

31211. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-15 16:12:02 UTC
From: Charles Scott
Topic: 31148 Message: 31211

Bret:

Yes, the EEPROM and processor are both fed 5V from the same regulator that has a diode feeding a 1000 uf capacitor on the regulator input. Considering that the regulator (M5278L05M) is rated at 100mA, we're probably talking at least 1/10 second and probably in reality .5 to 1 second before the 5V drops--nearly an eternity. Perhaps someone wants to measure that?

Besides, why else would they do it that way?

Chuck

On 9/15/2010 3:48 AM, Bret McDanel wrote:
> I would argue that its not "clear" but it is a good indicator. What
> about the external eeprom that appears to contain the data in question?
> Is that powered from the same capacitor?
>
>

31212. Re: [FT897] eprom/flash memory write mitigation

Yahoo group: FT897 (2010)
Date: 2010-09-15 16:55:32 UTC
From: Bret McDanel
Topic: 31148 Message: 31212

On Wed, 2010-09-15 at 12:12 -0400, Charles Scott wrote:
>
>
> Bret:
>
> Yes, the EEPROM and processor are both fed 5V from the same regulator
> that has a diode feeding a 1000 uf capacitor on the regulator input.
> Considering that the regulator (M5278L05M) is rated at 100mA, we're
> probably talking at least 1/10 second and probably in reality .5 to 1
> second before the 5V drops--nearly an eternity. Perhaps someone wants
> to
> measure that?
>
> Besides, why else would they do it that way?
>
I dont know, but if the eeprom is also fed off that then it may write to volatile ram until power down is detected and then commit settings saving the eeprom. The cpu has volatile ram contained in it, 4kB iirc. So it can read the eeprom at start up and only write to it at shut down.

I am not 100% that the external eeprom contains the configuration data (what my library reads/writes via CAT) but I am about 80%. A dump would confirm what it holds, but my guess, and that is all it is, is that the external eeprom (128kbit) holds that data. The addressing format is the same way you do via CAT making it simpler on the cpu side of things, its the right size, etc.

A chip clip and an i2c bus would make it not terribly difficult to dump it. If the first 4 bytes at a55a a55a (hex values) then it is likely that it is the data without dumping the rest to see. It is my understanding that the cpu has enough code to write a base configuration should the eeprom ever be hosed (factory full reset which wipes alignment data too). I would be more interested if there are any differences in the data on the eeprom vs what you get via CAT, and more importantly why. But I am weird that way.

How this data is used is a combination of factors, such as your bandplan settings (whether or not 60m is pre-programmed), and such. The program inside the radio firmware contains the charset, which is full and complete (ie kanji does exist on US models) but you cannot access that in some bandplans (direct eeprom writes can write kanji, I have a character list on my page of what bit pattern corresponds to what value).

So it is still bifurcated in that the "secret sauce" is hidden in the cpu (near as I can tell anyway), and this is where yaesu would write for

a firmware upgrade. This is also mandated to be secret more or less because of regulatory agencies not wanting people to be able to Tx with 0 limits what-so-ever. AFAIK this radio cannot receive anything that is restricted by regulatory agencies, but there are so many in so many countries that may also be an issue.

I am just wondering if there is anything neat that can be added to the radio if this were opened just a little. The cpu supports an i2c bus (how it talks to the eeprom) so in theory you could hang add-ons off the radio that can manipulate it in some ways (although I yet to have a useful example of what you could be doing).

Thanks for clearing up the power off issue.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31213. Re: Anyone thought of using the Sony US18650GR Lithium ion Batteries W/Tabs?

Yahoo group: FT897 (2010)
Date: 2010-09-15 20:32:35 UTC
From: faygopaygo
Topic: 31192 Message: 31213

sean,

As a follow up to my previous message. I was mistaken on a couple of points. 1. The voltage per cell on A123 batteries is 3.3 V which is almost a perfect match for the 897 (13.2V for a 4s1p pack) 2. The cost for a set of packs that would equal the capacity of the OEM packs plus the charger would be closer to $400. Not cheap but not much more expensive than the OEM packs and charger. I looked around and found that the Buddie Pole site sells ready made A123 packs and has a lot of info on them. Check it out! http://www.buddipole.com/.

You also want might want to consider LiPoly batteries. They have the current density and power handling of the A123's but are cheaper and lighter. You must use them with caution as they can, how should I put it, light up your life! if charged improperly or pushed beyond their limits. Used with a drop of common sense they are a good alternative to the OEM batteries in both price and performance. Life expectancy is not as good as the A123's but for powering your 897 they should have at least as long a life as the OEM's given proper charging and balancing practices.

Finally if there was a battery that could do everything the OEM batteries could do at a signifigently lower price there would be none available cause the RC crowd would have bought them all already ;-)

My $.02

Randy
KG6WCA

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
>
>
>
> Hey folks. Thanks for the info. Not sure where to get a fast track education on these new battery technologies. We don't use these things in the fields I have been in except for the older NiCd packs for 100W on camera lighting and camcorders in Broadcasting, and the manufacturers we stick to are a limited number of folks. Not going the NiCd route. Too expensive, low power and voltage, heavy and short life. I do have a few 12v batts from Bescor I have been using in my late evening listening sprees on the patio. If you want batteries with soft cases, take a look at them. They even have a new breed that's 14v. 12v is good but 13.8 would be great.
>
> I have yet to learn about the C ratings for drain characteristics but have been trying to get bits and pieces from the R/C gangs online. Those guys know batteries it seems. I'm sure some of you guys do too.
>
> I thought the Yaesu packs were only 2400mAh each. I'll look that up in a minute. I also

found these packs on eBay aimed at the R/C crowd too. 14.8 @ 4800mAh pre-built into packs.
>
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=230526107674&ssPageName=STRK:MEWAX:VRI
>
> I'll be looking into battery holders too. Thanks for the help.
>
> The reason I went with the 897D was for the internal battery options but I was hoping others would have figured out less expensive on-board packs by now. Seems some enterprising Japanese or Korean companies might be missing out on a big seller here.
>
> Sean
> KB8JNE
>

31214. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-16 03:37:55 UTC
From: Sean
Topic: 31173 Message: 31214

Well,
To alleviate my Yaesu FT-897 "AM" woes, I've decided to just put my HR2510 back in line for AM operation. The FT-897 is/was never known as a good AM performer anyway. I was just trying to run one rig in the shack.
The Heil GM-5 works great on the FT-897 for SSB & FM work. And I'm running a Turner +3 on the 2510, with great reports.
Thanks for all your input!!!!

W7TRD Sean
73!

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Also in regards to "breath noise", talk across a microphone, not into it. This is particularly true when using hand mics.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@> wrote:
> >
> > Maybe try and decrease the mic gain on the dtmf mic to get rid of the "breath
> > noise". This might even work on the Heil. There are other mic adjustments in
> > the FT-897 main menu that might help tweek the mic.
> >
> > KF4DUS - Mike
>

31215. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-16 09:52:24 UTC
From: Hank
Topic: 31173 Message: 31215

Is that the blue and white Turner +3 handmic? I started radio with CB, and used that mic exclusively because of it's great sound. When I got my ham license and put a HR-2510 in the car, I found one at a hamfest and used it on that radio as well. That was a great mic and sounded great on both SSB and AM.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Well,
> To alleviate my Yaesu FT-897 "AM" woes, I've decided to just put my HR2510 back in line for AM operation. The FT-897 is/was never known as a good AM performer anyway. I was just trying to run one rig in the shack.
> The Heil GM-5 works great on the FT-897 for SSB & FM work. And I'm running a Turner +3 on the 2510, with great reports.
> Thanks for all your input!!!!
>
> W7TRD Sean
> 73!
>

31216. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-16 14:36:40 UTC
From: Sean
Topic: 31173 Message: 31216

Yes it is!
I bought it off an old Ham in pristine condition years ago.
W7TRD Sean

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> Is that the blue and white Turner +3 handmic? I started radio with CB, and used that mic exclusively because of it's great sound. When I got my ham license and put a HR-2510 in the car, I found one at a hamfest and used it on that radio as well. That was a great mic and sounded great on both SSB and AM.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> >
> > Well,
> > To alleviate my Yaesu FT-897 "AM" woes, I've decided to just put my HR2510 back in line for AM operation. The FT-897 is/was never known as a good AM performer anyway. I was just trying to run one rig in the shack.
> > The Heil GM-5 works great on the FT-897 for SSB & FM work. And I'm running a Turner +3 on the 2510, with great reports.
> > Thanks for all your input!!!!
> >
> > W7TRD Sean
> > 73!
> >
>

31217. Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 15:40:53 UTC
From: Simon Robinson
Topic: 31217 Message: 31217

Hi everyone

Is it possible to use the CAT interface (e.g. HRD) whilst also having the FC30 tuner connected?

It looks to me like an either/or situation.

Can anyone suggest a way round this or am I missing something?

Cheers

Simon M5POO

[Non-text portions of this message have been removed]

31218. Re: [FT897] Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 16:49:03 UTC
From: robertktuck@cox.net
Topic: 31217 Message: 31218

Yes. The CAT interface can share the mic port. You lose the up/down control. I use the rear port for a linear amp interface and I share the mic port between the mic and the CAT with a 3 way RJ45 adapter. It works great!

Robert
AB4RT
Sent from my BlackBerry? wireless device provided by SouthernLINC Wireless

-----Original Message-----
From: "Simon Robinson" <simon@...>
Sender: FT897@yahoogroups.com
Date: Thu, 16 Sep 2010 16:40:53
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: [FT897] Re: CAT with FC30

Hi everyone

Is it possible to use the CAT interface (e.g. HRD) whilst also having the
FC30 tuner connected?

It looks to me like an either/or situation.

Can anyone suggest a way round this or am I missing something?

Cheers

Simon M5POO

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31219. RE: [FT897] Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 17:46:42 UTC
From: Simon Robinson
Topic: 31217 Message: 31219

Hi Robert

Thanks for that - good news indeed!

If you have any more information, e.g. how to hook it up, I'd be most grateful.

Thanks

Simon M5POO

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of robertktuck@...
Sent: 16 September 2010 17:49
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: CAT with FC30

Yes. The CAT interface can share the mic port. You lose the up/down control. I use the rear port for a linear amp interface and I share the mic port between the mic and the CAT with a 3 way RJ45 adapter. It works great!

Robert

AB4RT

Sent from my BlackBerryR wireless device provided by SouthernLINC Wireless

-----Original Message-----

From: "Simon Robinson" <simon@...>

Sender: FT897@yahoogroups.com

Date: Thu, 16 Sep 2010 16:40:53

To: <FT897@yahoogroups.com>

Reply-To: FT897@yahoogroups.com

Subject: [FT897] Re: CAT with FC30

Hi everyone

Is it possible to use the CAT interface (e.g. HRD) whilst also having the

FC30 tuner connected?

It looks to me like an either/or situation.

Can anyone suggest a way round this or am I missing something?

Cheers

Simon M5POO

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

31220. RE: [FT897] Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 18:07:21 UTC
From: Simon Robinson
Topic: 31217 Message: 31220

Hi again Robert

Don't worry - found a website with all the details.

Thanks again

Simon

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of robertktuck@...
Sent: 16 September 2010 17:49
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: CAT with FC30

Yes. The CAT interface can share the mic port. You lose the up/down control. I use the rear port for a linear amp interface and I share the mic port between the mic and the CAT with a 3 way RJ45 adapter. It works great!

Robert

AB4RT

Sent from my BlackBerryR wireless device provided by SouthernLINC Wireless

-----Original Message-----

From: "Simon Robinson" <simon@...>

Sender: FT897@yahoogroups.com

Date: Thu, 16 Sep 2010 16:40:53

To: <FT897@yahoogroups.com>

Reply-To: FT897@yahoogroups.com

Subject: [FT897] Re: CAT with FC30

Hi everyone

Is it possible to use the CAT interface (e.g. HRD) whilst also having the

FC30 tuner connected?

It looks to me like an either/or situation.

Can anyone suggest a way round this or am I missing something?

Cheers

Simon M5POO

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

31221. Re: [FT897] Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 18:21:56 UTC
From: Patrick
Topic: 31217 Message: 31221

You need the LDG AT-597Plus Tuner. It has mini din computer port, so you can operate both the tuner and, HRD or whatever CAT software you choose.

Patrick KI8UM

On Thu, Sep 16, 2010 at 11:40 AM, Simon Robinson <simon@...> wrote:

>
>
> Hi everyone
>
> Is it possible to use the CAT interface (e.g. HRD) whilst also having the
> FC30 tuner connected?
>
> It looks to me like an either/or situation.
>
> Can anyone suggest a way round this or am I missing something?
>
> Cheers
>
> Simon M5POO
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

31222. Re: [FT897] Re: CAT with FC30

Yahoo group: FT897 (2010)
Date: 2010-09-16 20:37:52 UTC
From: robertktuck@cox.net
Topic: 31217 Message: 31222

I can also use the RJ45 jack on the Yaesu desk mic. It is a pass through of the mic port. Of course, I set the mic port to 'CAT'. I use the Yaesu USB interface to get to the computer ($39 with software that let's me back up the radio). I use HRD v5 beta. Then add a USB sound card interface (mine is SignaLink) and you have a digital station.
Robert
AB4RT
Sent from my BlackBerry? wireless device provided by SouthernLINC Wireless

-----Original Message-----
From: "Simon Robinson" <simon@...>
Sender: FT897@yahoogroups.com
Date: Thu, 16 Sep 2010 19:07:21
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: CAT with FC30

Hi again Robert

Don't worry - found a website with all the details.

Thanks again

Simon

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of robertktuck@...
Sent: 16 September 2010 17:49
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: CAT with FC30

Yes. The CAT interface can share the mic port. You lose the up/down control. I use the rear port for a linear amp interface and I share the mic port between the mic and the CAT with a 3 way RJ45 adapter. It works great!

Robert

AB4RT

Sent from my BlackBerryR wireless device provided by SouthernLINC Wireless

-----Original Message-----

From: "Simon Robinson" <simon@...>

Sender: FT897@yahoogroups.com

Date: Thu, 16 Sep 2010 16:40:53

To: <FT897@yahoogroups.com>

Reply-To: FT897@yahoogroups.com

Subject: [FT897] Re: CAT with FC30

Hi everyone

Is it possible to use the CAT interface (e.g. HRD) whilst also having the

FC30 tuner connected?

It looks to me like an either/or situation.

Can anyone suggest a way round this or am I missing something?

Cheers

Simon M5POO

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31223. Re: [FT897] Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-16 20:01:07 UTC
From: Clair B
Topic: 31173 Message: 31223

That's amazing - you don't find many old hams in pristine condition these days !!

K7IE

.Sent: Thursday, September 16, 2010 7:36:40 AM
Subject: [FT897] Re: Stock mic.

Yes it is!
I bought it off an old Ham in pristine condition years ago.
W7TRD Sean

--- In FT897@yahoogroups.com , "Hank" <hank@...> wrote:
>
>
>
> Is that the blue and white Turner +3 handmic? I started radio with CB, and used that mic exclusively because of it's great sound. When I got my ham license and put a HR-2510 in the car, I found one at a hamfest and used it on that radio as well. That was a great mic and sounded great on both SSB and AM.
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com , "Sean" <kamaaina1@> wrote:
> >
> > Well,
> > To alleviate my Yaesu FT-897 "AM" woes, I've decided to just put my HR2510 back in line for AM operation. The FT-897 is/was never known as a good AM performer anyway. I was just trying to run one rig in the shack.
> > The Heil GM-5 works great on the FT-897 for SSB & FM work. And I'm running a Turner +3 on the 2510, with great reports.
> > Thanks for all your input!!!!
> >
> > W7TRD Sean
> > 73!
> >
>

[Non-text portions of this message have been removed]

31224. fm,vhf,uhf motor bike sound

Yahoo group: FT897 (2010)
Date: 2010-09-16 21:13:48 UTC
From: bty78009284
Topic: 31224 Message: 31224

Hi All

Thanks to all those who helped me on the static crashes on AM, I have another one since I had the rig repaired by yaesu UK good turn around one week that was good. I have started to use the vhf and uhf side of the rig the sound off squelch is like an motor bikeish sound when antenna not connected it is the same NO readings on the s meter just the sound? receives ok but it is to me not right as I have 817 and vx8e they sound good af CLEAN back ground RF.
so is it another filter that yaesu missed!!

Thanks in advance.

31225. Re: Stock mic.

Yahoo group: FT897 (2010)
Date: 2010-09-16 21:42:36 UTC
From: Sean
Topic: 31173 Message: 31225

:o) :)
W7TRD
Sean

--- In FT897@yahoogroups.com, Clair B <k7ie@...> wrote:
>
>
>
> That's amazing - you don't find many old hams in pristine condition these days !!
>
>
>
> K7IE
>
>
> .Sent: Thursday, September 16, 2010 7:36:40 AM
> Subject: [FT897] Re: Stock mic.
>
> Â
>
>
>
>
> Yes it is!
> I bought it off an old Ham in pristine condition years ago.
> W7TRD Sean
>
> --- In FT897@yahoogroups.com , "Hank" <hank@> wrote:
> >
> >
> >
> > Is that the blue and white Turner +3 handmic? I started radio with CB, and used that mic exclusively because of it's great sound. When I got my ham license and put a HR-2510 in the car, I found one at a hamfest and used it on that radio as well. That was a great mic and sounded great on both SSB and AM.
> >
> > Hank / KB4MTO
> >
> >
> > --- In FT897@yahoogroups.com , "Sean" <kamaaina1@> wrote:
> > >
> > > Well,
> > > To alleviate my Yaesu FT-897 "AM" woes, I've decided to just put my HR2510 back in line for AM operation. The FT-897 is/was never known as a good AM performer anyway. I was just trying to run one rig in the shack.

> > > The Heil GM-5 works great on the FT-897 for SSB & FM work. And I'm running a Turner +3 on the 2510, with great reports.
> > > Thanks for all your input!!!!
> > >
> > > W7TRD Sean
> > > 73!
> > >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

31226. Audio Mute with HRD

Yahoo group: FT897 (2010)
Date: 2010-09-17 12:18:42 UTC
From: Aristotle Zoulas
Topic: 31173 Message: 31226

Hello gents, as you know the FT-857/897 suffers from the issue where the audio mutes when tuning the VFO through Ham Radio Deluxe. I was told by various people that this is an issue with the radio and not the software. Have there been any updates on this? Any way to reduce the problem.

For those unfamilliar with the problem: When using this radio with HRD alsong with CAT interface, the audio mutes when attemting to tune the radio through the software (slider control). It mutes for a fraction of a second but long enough to make it annoying to operate.

I was told by several members on this group and the HRD group, the issue is with the radio.

If there are any updates or if someone found some baud rate setting or other setting that eliminates the problem, would be nice to know about it.

Great program, great radio, significant problem.

73, Aristotle , W2ZOU

[Non-text portions of this message have been removed]

31227. Re: Audio Mute with HRD

Yahoo group: FT897 (2010)
Date: 2010-09-17 16:28:31 UTC
From: stykemup
Topic: 31173 Message: 31227

Aristotle:
I have used HRD for about 3 years on both an FT-1000D and the FT-897D and have never run into this muting oddity.
Now that you mention it, both of my rigs act the same... a slight mute ONLY when using the slider control with HRD.
I never use the slider control to scan freq's so I never noticed the muting.
I have always used the frequency readout adjust as it is easier, faster and more precise.
I don't have an answer to the "problem" as I never use the slider control, but just wonder why, if it is annoying, why not use the readout adjust which is smoother and works the fine slider very smoothly and to the 3rd digit: ie 7.181.22(2)and no split second mute that I notice in either rig.
Try adjusting the freq's with the digital readout and see if that does not relieve the muting. My 895D doesn't mute at all this way.

Bill, k3waw

--- In FT897@yahoogroups.com, Aristotle Zoulas <jrzoulas@...> wrote:
>
> Hello gents, as you know the FT-857/897 suffers from the issue where the audio
> mutes when tuning the VFO through Ham Radio Deluxe. I was told by various people
> that this is an issue with the radio and not the software. Have there been any
> updates on this? Any way to reduce the problem.
>
>
>
> For those unfamilliar with the problem: When using this radio with HRD alsong
> with CAT interface, the audio mutes when attemting to tune the radio through the
> software (slider control). It mutes for a fraction of a second but long enough
> to make it annoying to operate.
>
>
> I was told by several members on this group and the HRD group, the issue is with
> the radio.
>
>
> If there are any updates or if someone found some baud rate setting or other
> setting that eliminates the problem, would be nice to know about it.
>
>
> Great program, great radio, significant problem.
>
>
> 73, Aristotle , W2ZOU
>
>

>
>
> [Non-text portions of this message have been removed]
>

31228. Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-17 01:39:04 UTC
From: Joey
Topic: 31228 Message: 31228

Hi,

My FT-897D fan is always on, not just on transmit. I use the LDG AT-897 tuner and even with that disconnected it always runs. Any ideas on how to set it so it runs only during transmit?

Thanks,

Joey

31229. Stuttering Squelch when HRD Satellite Tracker updates Doppler Frequencies

Yahoo group: FT897 (2010)
Date: 2010-09-16 21:58:54 UTC
From: vk2awj
Topic: 31229 Message: 31229

I use Ham Radio Deluxe to track satellites and also to automatically update doppler frequencies.

The open squelch is interrupted each time the receive frequency is updated. The period of these interruptions varies according to the chosen preset (0.2 up to 2 sec).

Is there a way to have automatic doppler frequencies and not to have the stuttering interruptions to the open squelch?

John, VK2AWJ

31230. Re: [FT897] Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-17 23:23:10 UTC
From: Joe
Topic: 31228 Message: 31230

I have to chuckle.....I always fix my radios so the fan is on 100% of the time. Seems strange to read about someone who wants to turn theirs off!

I am sure someone here an tell you how to accomplish a fan fix.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Joey" <joey@...>
Subject: [FT897] Fan is always on. Ideas?

> Hi,
>
> My FT-897D fan is always on, not just on transmit. I use the LDG AT-897
> tuner and even with that disconnected it always runs. Any ideas on how to
> set it so it runs only during transmit?

31231. Re: [FT897] Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-17 23:24:27 UTC
From: Michael Hughey
Topic: 31228 Message: 31231

You might check the ambient temperature of your radio shack. Is the radio sitting on top of the power supply? Otherwise, I wouldn't worry too much about a fan that is doing it's job of staying ahead of the heat instead of trying to keep up.

Mike - KF4DUS

From: Joey <joey@...>
To: FT897@yahoogroups.com
Sent: Thu, September 16, 2010 7:39:04 PM
Subject: [FT897] Fan is always on. Ideas?

Hi,

My FT-897D fan is always on, not just on transmit. I use the LDG AT-897 tuner and even with that disconnected it always runs. Any ideas on how to set it so it runs only during transmit?

Thanks,

Joey

[Non-text portions of this message have been removed]

31232. FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-18 09:12:15 UTC
From: kim.liao
Topic: 31232 Message: 31232

Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
1. Are they OK without using tuner?
2. SSB are OK with these antenna?
3. How they work together? ratings
4. How is performance on 6M?

I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
Appreciate your input and 73s

BM2JAM/ Kim from Taipei, Taiwan

31233. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-18 09:16:51 UTC
From: kim.liao
Topic: 31148 Message: 31233

Mike, I had same inquiry on this before, check the link http://www.remotepowerswitch.com/

This is a internet based power on/off switch device, very interesting, however, it can handle up to 10 AMPs(I remember), I have not set it up but this is absolutely is one option in case you need to remotely control the power. Hope this helps.

73
Kim BM2JAM, from Taipei, Taiwan

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?
>
>
>
> 73,
>
> Mike, AE8U
>
>
>
> [Non-text portions of this message have been removed]
>

31234. Stuttering Squelch when HRD Satellite Tracker updates Doppler Freque

Yahoo group: FT897 (2010)
Date: 2010-09-18 09:39:27 UTC
From: Allan Godney
Topic: 31234 Message: 31234

Hello John - I am interested in your posting as I hope to start using HRD with my FT-897D shortly. Can you also control the transmit frequency using HRD. I have read somewhere that the FT-897D will not allow the transmit frequency to be controlled from an external program like HRD? I will follow this thread with interest. Regards Allan M0CBG.

31235. RE: [FT897] Stuttering Squelch when HRD Satellite Tracker updates Doppler Freque

Yahoo group: FT897 (2010)
Date: 2010-09-18 10:47:59 UTC
From: Robert Tuck
Topic: 31234 Message: 31235

When using HRD and a CAT interface (I use the Yaesu package cable + backup software for $39), I can control a lot of the 897D's functions- including the band, frequency, modes, power outputs, ALC, squelch, FM gain, SSB mic gain, and a whole lot more. Not all of the functions can be controlled from a CAT interface. You can also set favorites and get one-click tuning to a band/freq.

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Allan Godney
Sent: Saturday, September 18, 2010 05:39
To: FT897@yahoogroups.com
Subject: [FT897] Stuttering Squelch when HRD Satellite Tracker updates Doppler Freque

Hello John - I am interested in your posting as I hope to start using HRD with my FT-897D shortly. Can you also control the transmit frequency using HRD. I have read somewhere that the FT-897D will not allow the transmit frequency to be controlled from an external program like HRD? I will follow this thread with interest. Regards Allan M0CBG.

[Non-text portions of this message have been removed]

31236. Re: [FT897] Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 15:36:16 UTC
From: Roger Hunt
Topic: 31228 Message: 31236

Hi ....My fan only comes on when I transmit. The problem as I see it is that it stops when I go back to receive, there is some remaining heat which has to convect away slowly, not really good. Should the control of the fan be thermal i.e. a sensor, maybe I have a problem. What is the general opinion?

Roger Hunt. G3PVU Lincoln Uk (ex SU9VU)

--- On Sat, 18/9/10, Michael Hughey <rsq14emt@...> wrote:

From: Michael Hughey <rsq14emt@yahoo.com>
Subject: Re: [FT897] Fan is always on. Ideas?
To: FT897@yahoogroups.com
Date: Saturday, 18 September, 2010, 0:24

You might check the ambient temperature of your radio shack. Is the radio

sitting on top of the power supply? Otherwise, I wouldn't worry too much about

a fan that is doing it's job of staying ahead of the heat instead of trying to

keep up.

Mike - KF4DUS

From: Joey <joey@...>

To: FT897@...m

Sent: Thu, September 16, 2010 7:39:04 PM

Subject: [FT897] Fan is always on. Ideas?

Hi,

My FT-897D fan is always on, not just on transmit. I use the LDG AT-897 tuner

and even with that disconnected it always runs. Any ideas on how to set it so

it runs only during transmit?

Thanks,

Joey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31237. Re: [FT897] Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 16:12:38 UTC
From: Rob Stampfli
Topic: 31228 Message: 31237

On Sat, Sep 18, 2010 at 03:36:16PM +0000, Roger Hunt wrote:
> Hi ....My fan only comes on when I transmit. The problem as I see it is that it stops when I go back to receive, there is some remaining heat which has to convect away slowly, not really good.? Should the control of the fan be thermal i.e. a sensor, maybe I have a problem. What is the general opinion?

Mine agrees with Roger's: The fans turn on at transmit, and turn off about 3-4 seconds after the rig stops transmitting. And, unfortunately, if I were to ding the 897 on something, it would be that the fans are annoyingly loud -- higher in pitch and in many respects more annoying than the fan on my linear. My former rig, a Kenwood TS-430S, had a thermostatically controlled fan that only ran as necessary, and it was so quiet you couldn't really tell it was on.

OTOH, at least in normal SSB and CW ops, I've never seen the 897 get even moderately warm, much less hot, so Yaesu must be doing something right as far as heat control is concerned.

BTW, I've been meaning to ask: I don't own a battery pack. Do the fans run on battery? I suspect not since (1) they're trying to conserve energy and (2) the PO is limited to 20W.

YMMV,
Rob / KD8WK

31238. Re: [FT897] Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 16:26:00 UTC
From: Robert Walling
Topic: 31228 Message: 31238

Yes I agree that the fan isn't really necessary most of the time. My Kenwood TS-440 was the same way as your 430, the fan came on during full power FM if you transmitted for more than half a minute or more, any less, and the heat sink took care of excess heat. And it was super quiet, I really had to listen closely to hear it. My 857 fan comes on immediately, even during SSB transmission before I even start to speak and the transmit output is zero, totally unnecessary. There is a hidden menu option in the hidden menu, (Hold down A,B,C buttons while powering up), called FTEMP, it controls the temp that the fan kicks on, but it seems to be more of a fan toggle, either turns it on all the time, or off all the time.

And another thing I discovered accidentally during a long winded FM QSO, is that if the rig gets excessively hot to the point that the fan can't keep the heat down, the display where it says "swr" for high SWR, and "dsp" when DSP is enabled, will display "hot" when the rig gets too warm. It still transmits, but displays "hot" to alert the operator that it's time to cool off. I think the amount of heat required to activate the "hot" display is controlled by the HTEMP setting in the hidden menu but not sure.

73,
Bob KD7EX

--- On Sat, 9/18/10, Rob Stampfli <res@...net.org> wrote:

From: Rob Stampfli <res@...>
Subject: Re: [FT897] Fan is always on. Ideas?
To: FT897@yahoogroups.com
Date: Saturday, September 18, 2010, 11:12 AM

On Sat, Sep 18, 2010 at 03:36:16PM +0000, Roger Hunt wrote:

> Hi ....My fan only comes on when I transmit. The problem as I see it is that it stops when I go back to receive, there is some remaining heat which has to convect away slowly, not really good. Should the control of the fan be thermal i.e. a sensor, maybe I have a problem. What is the general opinion?

Mine agrees with Roger's: The fans turn on at transmit, and turn off

about 3-4 seconds after the rig stops transmitting. And, unfortunately,

if I were to ding the 897 on something, it would be that the fans are

annoyingly loud -- higher in pitch and in many respects more annoying

than the fan on my linear. My former rig, a Kenwood TS-430S, had a

thermostatically controlled fan that only ran as necessary, and it was

so quiet you couldn't really tell it was on.

OTOH, at least in normal SSB and CW ops, I've never seen the 897 get even moderately warm, much less hot, so Yaesu must be doing something right as far as heat control is concerned.

BTW, I've been meaning to ask: I don't own a battery pack. Do the fans run on battery? I suspect not since (1) they're trying to conserve energy and (2) the PO is limited to 20W.

YMMV,

Rob / KD8WK

[Non-text portions of this message have been removed]

31239. Re: Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 20:11:35 UTC
From: Steve Yates
Topic: 31228 Message: 31239

The fan is annoying when I operate QRP from inside my air conditioned house. On the other hand, my rig worked flawlessly during Field Day in the Texas heat. The rig was operated on CW at 100 W during the entire 24 hours period running stations at 25+ WPM QSK and at 100 W. The ambient temperature exceeded 103 F (40 C) for much of the time. The rig got warm but never too hot. The rig was also using it's own internal power supply. Not many rigs can survive this kind of use but the FT-897D was designed to be operated in the field.

It would be nice if the fan was totally thermostatically controlled so it would not come on if it wasn't too hot. I have a little temperature control switch that I thought about mounting on the heat sink and in in the supply line of the fans so they wouldn't come on with casual QRP operating. I could maybe wire the battery switch in to bypass the thermo switch if desired since I don't use internal batteries.

73,
Steve - AA5TB

31240. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-19 13:01:07 UTC
From: Hussain
Topic: 31232 Message: 31240

WELCOME DEAR KIM,
I HAVE BEEN USING COMMET HVU-8 WITH FT-897D,USING DULEXER TO USE ALL BAND WITH OUT CHANGING THE AERIAL.
THE PERFORMANCE WAS NOT VERY GOOD OF THIS AEIRIAL ON HF WHILE ON VHF AND UHF WAS NORMAL, ANSWERS OF YOUR QUESTIONS ARE BELLOW.
1 YES YOU CAN USE IT WITH OUT TUNER IF YOU HAVE TUNED IT ON SPECIFIC FREQUENCY YOU ARE USING.
2. YES YOU CAN RECEIVE STRONG SIGNALS, BUT CAN NOT RECEIVE WEEK SIGNALS.
3. RATING VISE YOU CAN CHECK ITS PERFORMANCE TABLE IN THE MANUAL.
4. THE PERFORMANCE IS ALSO SO SO ON 6M.
I SUGEST YOU , IF YOU HAVE A SPACE FOR THE GOOD AERIAL THEN DON'T BUY THIS, IT IS ONLY FOR LIMITED SPACE AERAIL..

73

AP2GH / HUSSAIN

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> 1. Are they OK without using tuner?
> 2. SSB are OK with these antenna?
> 3. How they work together? ratings
> 4. How is performance on 6M?
>
> I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> Appreciate your input and 73s
>
> BM2JAM/ Kim from Taipei, Taiwan
>

31241. Re: Audio Mute with HRD

Yahoo group: FT897 (2010)
Date: 2010-09-19 15:07:55 UTC
From: john_kb0ne
Topic: 31173 Message: 31241

Hi,
With regard to my FT-897D and HRD V5 release experiance:

What is happening in HRD is that it rewrites all the digits for the entire frequency and the audio mutes for a very short period (like a millisecond or so)every time the frequency is totally rewritten. This is somewhat annoying if using the scan feature or sliding the frequency bars back and forth rapidly on the HF bands.

Apparently this muting affects the main audio amp and not the upstream detection circuitry. One work around is to pull the audio off the low level audio jack on the back panel and run that through a second outboard amplifier.

Now here's the gotcha... the remote microphone (MH59) has the function to change frequency rapidly via the rotary encoder knob on the side... rapid frequency change via the mic does not cause the muting to happen. This mic also appears to be sending CAT commands via the "UP/DOWN" control lines (Note that the radio must be set for remote mic operation). It's my hunch that there are some undocumented CAT commands that tell the PLL to 'jump' in incremental steps as set by the coarse and fine tuning in the menus. Of corse theyse commands are not documented in Yaesu's CAT commands.

What needs to happen is to find out what these commands are and somehow get Simon to incorporate them in HRD.

John at KB0NE

--- In FT897@yahoogroups.com, Aristotle Zoulas <jrzoulas@...> wrote:
>
> Hello gents, as you know the FT-857/897 suffers from the issue where the audio
> mutes when tuning the VFO through Ham Radio Deluxe. I was told by various people
> that this is an issue with the radio and not the software. Have there been any
> updates on this? Any way to reduce the problem.

31242. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-19 15:10:48 UTC
From: kim.liao
Topic: 31232 Message: 31242

Dear Hussain:
Thanks for the feedback, yes, as a beginner I just need to make sure it receives good signal for HF and I am using for 6M and U/V bands Tx. Also I heard you can actually ask for module for 14Mhz(20M) which was missing on the UHV-5.

Do you do SSB on 6M with this set up? how it works?

73s
Kim/BM2JAM

--- In FT897@yahoogroups.com, "Hussain" <ap2gh@...> wrote:
>
> WELCOME DEAR KIM,
> I HAVE BEEN USING COMMET HVU-8 WITH FT-897D,USING DULEXER TO USE ALL BAND WITH OUT CHANGING THE AERIAL.
> THE PERFORMANCE WAS NOT VERY GOOD OF THIS AEIRIAL ON HF WHILE ON VHF AND UHF WAS NORMAL,
> ANSWERS OF YOUR QUESTIONS ARE BELLOW.
> 1 YES YOU CAN USE IT WITH OUT TUNER IF YOU HAVE TUNED IT ON SPECIFIC FREQUENCY YOU ARE USING.
> 2. YES YOU CAN RECEIVE STRONG SIGNALS, BUT CAN NOT RECEIVE WEEK SIGNALS.
> 3. RATING VISE YOU CAN CHECK ITS PERFORMANCE TABLE IN THE MANUAL.
> 4. THE PERFORMANCE IS ALSO SO SO ON 6M.
> I SUGEST YOU , IF YOU HAVE A SPACE FOR THE GOOD AERIAL THEN DON'T BUY THIS, IT IS ONLY FOR LIMITED SPACE AERAIL..
>
> 73
>
> AP2GH / HUSSAIN
>
>
>
>
> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> >
> > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > 1. Are they OK without using tuner?
> > 2. SSB are OK with these antenna?
> > 3. How they work together? ratings
> > 4. How is performance on 6M?
> >
> > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > Appreciate your input and 73s
> >
> > BM2JAM/ Kim from Taipei, Taiwan

> >
>

31243. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-20 11:58:56 UTC
From: ke5dfr@sbcglobal.net
Topic: 31232 Message: 31243

Please turn off the CAPS LOCK key. It makes the message hard to read, plus using all caps on the net equates to shouting...

Ken
KE5DFR

31244. Re: Audio Mute with HRD

Yahoo group: FT897 (2010)
Date: 2010-09-20 13:45:35 UTC
From: mchenryproj
Topic: 31173 Message: 31244

Something I noticed with HRD the other day while tuning around on lower bands is that there is a level of noise that comes into the 897D RX audio while tuning. It's a small increase in "white" noise level but when listening for weak signals, it's intolerable.

My comment on this one however might be that in this case it is likely hash from the laptop getting into the audio rather than a related issue with the muting you guys are hearing. It does happen to me too by the way. Tuning with HRD causes the same muting here.

Not sure there is a way around it and if there is it probably will mean a rewrite of HRD code bits to tune the 897D differently than the other radios he has built into the application. I still love it as it is quite a comprehensive application but there are issues that sort of get on your nerves. I haven;t tried other applications I'll admit because this one app has a lot of meat to it.

I'll be following the thread.

Sean
KB8JNE

> What is happening in HRD is that it rewrites all the digits for the entire frequency and the audio mutes for a very short period (like a millisecond or so)every time the frequency is totally rewritten. This is somewhat annoying if using the scan feature or sliding the frequency bars back and forth rapidly on the HF bands.

31245. Digi mode problem

Yahoo group: FT897 (2010)
Date: 2010-09-21 07:51:22 UTC
From: g7dhw
Topic: 31245 Message: 31245

My ft 897 fails to tx any digi mode power. The signals are generated by
the pc and the 897 goes into tx mode but no power appears to be going into the antenna. The pa is working fine as I can tx in other modes.All the connections are as they should be and it has worked well in digi modes before. I am at a lost to know what the problem is. Dave de G7DHW

31246. Re: Digi mode problem

Yahoo group: FT897 (2010)
Date: 2010-09-21 10:06:55 UTC
From: JP
Topic: 31245 Message: 31246

You didn't specify how you're connecting or what you're using as the interface or what software you're using, but a few things to check

1. Is there sufficient gain coming out of the computer and going into the rig. Almost always, when that happens to me or somebody I know, it's because the line out/speaker out/headphone out volume on the rig is too low. For example, you might have turned it down, or turned it off, because you were listening to something.

2. Do you have the correct soundcard selected in your software. Sometimes things get unset, especially if you're running Windoz and you accidentally brought up the software without all the cables connected.

3. Is there a gain on the interface that needs adjusting?

4. Does the input gain on the rig need adjusting.

I am assuming that you have the proper mode set on the rig (digital or packet if you're using the data jack, USB or FM if you're coming in through the mic jack). I'm also assuming that you've actually checked to make sure that the cables are seated properly and don't just appear to be correct.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "g7dhw" <4311danco@...> wrote:
>
> My ft 897 fails to tx any digi mode power.

31247. Re: Digi mode problem

Yahoo group: FT897 (2010)
Date: 2010-09-21 13:37:47 UTC
From: JP
Topic: 31245 Message: 31247

>>it's because the line out/speaker out/headphone out volume on the rig is too low.

That's what I get for answering messages early in the morning. I meant to say the line out/speaker out/headphone out volume on the COMPUTER is too low.

Sorry about that.

Jon
KB1QBZ

31248. Re: [FT897] Digi mode problem

Yahoo group: FT897 (2010)
Date: 2010-09-21 20:05:31 UTC
From: Danny Loyd
Topic: 31245 Message: 31248

Dave,

One suggestion, and I found this out the hard way, make sure your mic compressor is not on. If it is the 897 will not modulate the digital signal.

Danny
KE5WDI

From: g7dhw <4311danco@...>
To: FT897@yahoogroups.com
Sent: Tue, September 21, 2010 2:51:22 AM
Subject: [FT897] Digi mode problem

My ft 897 fails to tx any digi mode power. The signals are generated by the pc and the 897 goes into tx mode but no power appears to be going into the antenna. The pa is working fine as I can tx in other modes.All the connections are as they should be and it has worked well in digi modes before. I am at a lost to know what the problem is. Dave de G7DHW

[Non-text portions of this message have been removed]

31249. Re: Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 15:33:43 UTC
From: Joey
Topic: 31228 Message: 31249

Well it turned out that the wire from the temperature diode had the insulation stripped off and was grounding on a screw on the main board. A little electrical tape and all was back to normal.

J

--- In FT897@...m, "Joey" <joey@...> wrote:
>
> Hi,
>
> My FT-897D fan is always on, not just on transmit. I use the LDG AT-897 tuner and even with that disconnected it always runs. Any ideas on how to set it so it runs only during transmit?
>
> Thanks,
>
> Joey
>

31250. Re: noise level increases after transmitting

Yahoo group: FT897 (2010)
Date: 2010-09-18 22:47:18 UTC
From: Radio_Randy
Topic: 30883 Message: 31250

Chuck,

Please try another "non-switching" power supply like an Astron RS-20A or equivalent. Even a deep cycle battery if you have one about. These types of noise can be generated by many electronic devices. They can also change their frequency or repetition when affected by your transmitted signal.

Randy - N7CKJ

--- In FT897@yahoogroups.com, Chuck Stroud <ka8hde79@...> wrote:
>
> Hello everyone-
> I'm hoping someone can help me with this question. Like others, I have a noisy
> radio, but I think this is different. Forty meters normally has a S6-8 noise
> level for me recently. In the past it has been as low as S4. I know there have
> been discussions about static crashes at the S7+ level on certain bands, but
> mine are not present with the antenna disconnected, and the noise is just
> constant - no crashes. My real problem starts whenever I either tune up the
> radio (via cw either sending or using a LDG Z-11ProII) or even just by talking
> on SSB when it is already tuned. Immediately my noise level goes up to an S5 to
> an S9, depending on the band. It usually lasts at least an hour to return, and
> turning off the radio doesn't help. I have turned on and adjusted all of the
> filters, and although some help alleviate the noise, it stays at the same
> S-level. Any thoughts would be appreciated.
> Thanks,
> 73
> Chuck Stroud
> Andover, MN
> ka8hde
>
>
>
>
> [Non-text portions of this message have been removed]
>

31251. LCD display dims / fades

Yahoo group: FT897 (2010)
Date: 2010-09-18 21:51:14 UTC
From: Radio_Randy
Topic: 31251 Message: 31251

Hi folks,

During a recent outing, I noticed that sunlight entering the top front vents of the radio would cause the LCD display to fade out. This only happened when the light came from behind the radio and only at a specific angle.

Looking into the radio, I noticed a small window in the circuit board, directly behind the LCD, which appears to be sensitive to incandescent (and some LED) light.

I am not aware of an automatic dimming function of the LCD display on this radio. Does anyone out there know why this happens and if it's normal? Thanks.

Randy - N7CKJ

31252. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-18 22:32:10 UTC
From: Radio_Randy
Topic: 31232 Message: 31252

Kim,

The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.

Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.

Randy - N7CKJ

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> 1. Are they OK without using tuner?
> 2. SSB are OK with these antenna?
> 3. How they work together? ratings
> 4. How is performance on 6M?
>
> I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> Appreciate your input and 73s
>
> BM2JAM/ Kim from Taipei, Taiwan
>

31253. Re: Using a Shure 444 Mike with an FT897

Yahoo group: FT897 (2010)
Date: 2010-09-18 22:36:43 UTC
From: Radio_Randy
Topic: 31120 Message: 31253

Andy,

The Shure mike should work far better than the stock mike (almost anything will, HI). I use an ElectroVoice 607 on my 950 when I'm not contesting with my Heil ProSet. Both of those sound far better than the stock mike which is the same as on the 897.

Randy - N7CKJ

--- In FT897@yahoogroups.com, "OHM" <g6ohm@...> wrote:
>
> Hi everyone heres a question.
>
> Has anyone wired up a Shure 444 mike to a Yaesu FT897D.
> If so how well did it work ?
> I would be interested in comments as i'm thinking about buying a Shure mike.
>
> Andy G6OHM
>

31254. Front Panel Controls Disabled

Yahoo group: FT897 (2010)
Date: 2010-09-21 18:41:18 UTC
From: n5rns
Topic: 31254 Message: 31254

I have my FT-897 connected in to Ham Radio Deluxe. However, I've found that, when I do this, the front panel controls become disabled. I tried turning off the radio, disconnecting the CAT cable and then turning the radio back on. This didn't correct the situation.

I searched the forums, but didn't find anything. I'm new to the FT-897 and HRD and any help is appreciated.

31255. What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-20 13:59:55 UTC
From: Ian
Topic: 31255 Message: 31255

Hello,

I'm looking to buy a power supply for my new FT897. I've looked at some reviews and lots of power supplies either have noisy fans or create electrical noise that causes problems on the HF bands. I'm on a tight budget so what would be a good value "quiet" PSU?

Ian 2E0ZQR

31256. Re: Fan is always on. Ideas?

Yahoo group: FT897 (2010)
Date: 2010-09-18 21:46:10 UTC
From: Radio_Randy
Topic: 31228 Message: 31256

If you purchased the rig, used, I would say it was a defect the previous owner knew about and decided to sell the rig rather than pay to have it fixed.

I don't have the manual in front of me, but I will assume that the radio operates much the same as my old IC-735 where the fan speed increases with temperature. It will also stay on longer after you stop transmitting (much like my FT-950 does).

I would say the radio has a problem with the fan control circuit. Whether or not you decide to have it fixed is up to you. The radio should survive just fine. It may shorten the life of the fans overall, though.

Randy - N7CKJ

--- In FT897@yahoogroups.com, "Joey" <joey@...> wrote:
>
> Hi,
>
> My FT-897D fan is always on, not just on transmit. I use the LDG AT-897 tuner and even with that disconnected it always runs. Any ideas on how to set it so it runs only during transmit?
>
> Thanks,
>
> Joey
>

31257. Query re Frequency expansion of German market FT897D

Yahoo group: FT897 (2010)
Date: 2010-09-19 18:49:55 UTC
From: gerry_lawlor
Topic: 31257 Message: 31257

I have a German market 897D - serial number 6F70XXXX which currently does not allow TX above 7.1 MHz. From the serial number it appears to have been manufactured in April 2006. It has three links bridged - 1001, 1002 and 1008. None of the material I have found to date on the web seems to be directly relevant to this particular version - perhaps I have not looked in the correct locations.

Has anyone information on the link pattern that would enable me to expand the frequency coverage on transmit - particularly in relation to covering 7.1 to 7.2 MHz.

On a related basis - what is the best method to bridge these links - solder blob or something a little more refined?

73

Gerry/EI9FV

31258. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-22 06:23:20 UTC
From: colin.bell99
Topic: 31255 Message: 31258

Ian,

Personally I use an Alinco DM330MW. As a 2E0 it doesn't even break sweat (well no 25amp psu should). I've never heard the fan on mine.

Not the cheapest but it has a meter and a very useful preset setting, which I have set to 13.8v.

Absolutely no RF noise on HF receive that I can detect. I have not tried it on V/UHF as I have internal batteries.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
> I'm looking to buy a power supply for my new FT897. I've looked at some reviews and lots of power supplies either have noisy fans or create electrical noise that causes problems on the HF bands. I'm on a tight budget so what would be a good value "quiet" PSU?
>
> Ian 2E0ZQR
>

31259. What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-22 13:18:09 UTC
From: John Faughn
Topic: 31255 Message: 31259

It would seem by your post that you are looking at PS in other than ham radio sources .
Most places selling to ham radio , are going to offer PS without those issues .
Linear PS are generally going to be your best type , but usually cost more & weigh more - so shipping in going to add to price .
Switching PS [good ones that do not cause RF issues] Will be a little cheaper & lighter .
Just because something puts out 12 VDC [should look for 13.8 VDC] does not make it good for ham radio .
Aside from over charging-price , buying cheap is almost always going to be an issue .
Then it can depend on your location & finding used ?
Astron is probably the #1 source for both , linear & switching .
Lamda is good commercial used option .

[Non-text portions of this message have been removed]

31260. RE: [FT897] What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-22 13:35:31 UTC
From: Richard Drevo
Topic: 31255 Message: 31260

Dear John,

I purchased a SEC 1223 switching power supply when I purchased my Yaesu FT-897 and I am very happy with it. Actually, I had a minor problem with one of the output terminals on the power supply and their customer service was outstanding.

Hope this is helpful.

73es,
Dick Drevo, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Faughn
Sent: Wednesday, September 22, 2010 9:18 AM
To: FT897@yahoogroups.com
Subject: [FT897] What PSU to buy?

It would seem by your post that you are looking at PS in other than ham radio sources .
Most places selling to ham radio , are going to offer PS without those issues .
Linear PS are generally going to be your best type , but usually cost more & weigh more - so shipping in going to add to price .
Switching PS [good ones that do not cause RF issues] Will be a little cheaper & lighter .
Just because something puts out 12 VDC [should look for 13.8 VDC] does not make it good for ham radio .
Aside from over charging-price , buying cheap is almost always going to be an issue .
Then it can depend on your location & finding used ?
Astron is probably the #1 source for both , linear & switching .
Lamda is good commercial used option .

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31261. Re: [FT897] Re: Using a Shure 444 Mike with an FT897

Yahoo group: FT897 (2010)
Date: 2010-09-22 13:40:37 UTC
From: af2c@njdxa.org
Topic: 31120 Message: 31261

Andy -

The original Shure 444 is a Hi Impedance microphone. You would want a later version of the microphone which is either Low-Z or dual impedance.

You can probably research (Google) the microphone or one of the group can give you the proper model of the Shure.

Although the Hi-Z version will work, you will not be happy with the quality of audio produced by the impedance mismatch.

73,
Jay/AF2C

At 10:36 PM 9/18/2010 +0000, you wrote:
>
>
>Andy,
>
>The Shure mike should work far better than the stock mike (almost anything
>will, HI). I use an ElectroVoice 607 on my 950 when I'm not contesting
>with my Heil ProSet. Both of those sound far better than the stock mike
>which is the same as on the 897.
>
>Randy - N7CKJ
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "OHM"
><g6ohm@...> wrote:
> >
> > Hi everyone heres a question.
> >
> > Has anyone wired up a Shure 444 mike to a Yaesu FT897D.
> > If so how well did it work ?
> > I would be interested in comments as i'm thinking about buying a Shure
> mike.
> >
> > Andy G6OHM
> >

[Non-text portions of this message have been removed]

31262. Re: Front Panel Controls Disabled

Yahoo group: FT897 (2010)
Date: 2010-09-22 14:09:38 UTC
From: john_kb0ne
Topic: 31254 Message: 31262

Check and see if you may have hit the LOCK button on the front panel or mic. HRD doesn't normally take over the front panel and lock you out.
John

--- In FT897@yahoogroups.com, "n5rns" <russelln.simmons@...> wrote:
>
> I have my FT-897 connected in to Ham Radio Deluxe. However, I've found that, when I do this, the front panel controls become disabled. I tried turning off the radio, disconnecting the CAT cable and then turning the radio back on. This didn't correct the situation.
>
> I searched the forums, but didn't find anything. I'm new to the FT-897 and HRD and any help is appreciated.
>

31263. Re: Front Panel Controls Disabled

Yahoo group: FT897 (2010)
Date: 2010-09-22 16:49:02 UTC
From: stykemup
Topic: 31254 Message: 31263

Hi Russell,
Go to menu mode 54 and unlock the rig. ALL must be selected to lock all the controls.
If you look on page 24 of your manual you will find this information.
Bill, k3waw

--- In FT897@yahoogroups.com, "n5rns" <russelln.simmons@...> wrote:
>
> I have my FT-897 connected in to Ham Radio Deluxe. However, I've found that, when I do this, the front panel controls become disabled. I tried turning off the radio, disconnecting the CAT cable and then turning the radio back on. This didn't correct the situation.
>
> I searched the forums, but didn't find anything. I'm new to the FT-897 and HRD and any help is appreciated.
>

31264. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 00:20:01 UTC
From: Radio_Randy
Topic: 31255 Message: 31264

Get an Astron RS-20A.

They're inexpensive (for the features), they're built well, they're easy to repair and they don't cause RF noise. The only downsides are their weight and the fact that they can hum quite a bit, depending on where you set it.

Regardless of what others will tell you, the RS-20A will power the FT-897D at full output, virtually forever.

If you feel that you absolutely must have more power...get the RS-35A.

Randy - N7CKJ

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
> I'm looking to buy a power supply for my new FT897. I've looked at some reviews and lots of power supplies either have noisy fans or create electrical noise that causes problems on the HF bands. I'm on a tight budget so what would be a good value "quiet" PSU?
>
> Ian 2E0ZQR
>

31265. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 04:20:45 UTC
From: ke7adu
Topic: 31255 Message: 31265

I have a samlex 1235 and a Jetstream jtps28. Both are quiet on hf and seem to work well. The samlex is so quiet i can't tell it's on even in a silent room. I keep the jet stream in my ARES go kit because the fan makes some noise. In a busy emcomm room I don't notice it at all but it's distracting in a quiet room. The Jetstrem makes less noise than the 897 fan and is a great value I am just picky.

Anthony
AE7HS

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
> I'm looking to buy a power supply for my new FT897. I've looked at some reviews and lots of power supplies either have noisy fans or create electrical noise that causes problems on the HF bands. I'm on a tight budget so what would be a good value "quiet" PSU?
>
> Ian 2E0ZQR
>

31266. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 06:36:07 UTC
From: yo5orw
Topic: 31255 Message: 31266

I purchased a Alinco DM-330MVE (see http://www.alinco.com/Products/DM330MVE/), 5-15VDC variable, 25A continuous. It is very silent and I had no problems with it. You can also choose the MVT model which supplies 30A continuous. The price is between 100-170 Euro.

YO5ORW - Cosmin

31267. re Digi modes

Yahoo group: FT897 (2010)
Date: 2010-09-23 08:55:33 UTC
From: g7dhw
Topic: 31267 Message: 31267

Hi

Thanks guys for all the suggestions. I cured the problem by tweaking the sound card settings, now back up and running fine in all digi modes.

73s

31268. Re: [FT897] Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 09:53:01 UTC
From: KB1TCD
Topic: 31255 Message: 31268

We've been using the Alinco DM-330MVT for almost a year now, powering two radios; the FT-897 and a Kenwood 271 2 metre which puts out 65 watts.
At times both radios are transmitting at the same time.
Great power supply, no issues whatsoever.

73 de Jose Douglas - KB1TCD

From: yo5orw <yo6orw@...>
To: FT897@yahoogroups.com
Sent: Thu, September 23, 2010 2:36:07 AM
Subject: [FT897] Re: What PSU to buy?

I purchased a Alinco DM-330MVE (see http://www.alinco.com/Products/DM330MVE/), 5-15VDC variable, 25A continuous. It is very silent and I had no problems with it. You can also choose the MVT model which supplies 30A continuous. The price is between 100-170 Euro.

YO5ORW - Cosmin

[Non-text portions of this message have been removed]

31269. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 10:16:16 UTC
From: Ian
Topic: 31255 Message: 31269

Thanks for all your input. I've been looking at the Alinco DM330 for a few days now and lots of people seem to says it's a reasonable PSU. I think I'll go for that one as the price is about what I was looking to pay.

Thanks to all, Ian 2E0ZQR

--- In FT897@yahoogroups.com, KB1TCD <josedouglas@...> wrote:
>
> We've been using the Alinco DM-330MVT for almost a year now, powering two
> radios; the FT-897 and a Kenwood 271 2 metre which puts out
> 65 watts.
> At times both radios are transmitting at the same time.
> Great power supply, no issues whatsoever.
>
>
> 73 de Jose Douglas - KB1TCD

31270. Re: [FT897] Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-23 10:43:33 UTC
From: B Young
Topic: 31255 Message: 31270

I have the Jetstream JTPS28. Great value for money.

On Sep 23, 2010 6:16 AM, "Ian" <ian.munro@...> wrote:

Thanks for all your input. I've been looking at the Alinco DM330 for a few days now and lots of people seem to says it's a reasonable PSU. I think I'll go for that one as the price is about what I was looking to pay.

Thanks to all, Ian 2E0ZQR

--- In FT897@yahoogroups.com, KB1TCD <josedouglas@...> wrote:
>
> We've been using the Alinco DM-3...

[Non-text portions of this message have been removed]

31271. Running Split mode?

Yahoo group: FT897 (2010)
Date: 2010-09-23 12:13:01 UTC
From: kb1syv
Topic: 31271 Message: 31271

Hello Everyone,

It's sad that I have owned my 897D for a year and have zero QSL's. I need my building superintendent to babysit me while I install my horizontal dipole on the roof, and he finally is ready to oblige me. My quest to get on the air is almost at hand and I wanted to find out a few things, one being how to setup my 897D to run split frequency. I have the manual, but I can't find where it explains this, unless the manual is calling this procedure something different. Any help would be appreciated! Anything else you would like to add that you think would benefit my DX adventures, please shout out LOL!!!

Thank you,

73,

Jethro

31272. Re: [FT897] Running Split mode?

Yahoo group: FT897 (2010)
Date: 2010-09-23 13:16:42 UTC
From: John Faughn
Topic: 31271 Message: 31272

One way to do that would be the button for the VFO - A & B , set the 2 frequencies in either , then just press the VFO button to go between .

On Thu, Sep 23, 2010 at 7:13 AM, kb1syv <kb1syv@...> wrote:

>
>
> Hello Everyone,
>
> It's sad that I have owned my 897D for a year and have zero QSL's. I need
> my building superintendent to babysit me while I install my horizontal
> dipole on the roof, and he finally is ready to oblige me. My quest to get on
> the air is almost at hand and I wanted to find out a few things, one being
> how to setup my 897D to run split frequency. I have the manual, but I can't
> find where it explains this, unless the manual is calling this procedure
> something different. Any help would be appreciated! Anything else you would
> like to add that you think would benefit my DX adventures, please shout out
> LOL!!!
>
> Thank you,
>
> 73,
>
> Jethro
>
>
>

[Non-text portions of this message have been removed]

31273. RE: [FT897] Running Split mode?

Yahoo group: FT897 (2010)
Date: 2010-09-23 14:05:41 UTC
From: Brian Forney
Topic: 31271 Message: 31273

Hi Jethro:

Assuming your manual is the same as mine, look on page 40. The split frequency operation section is between the WeatherFax monitoring and the active antenna sections towards the back of the manual. (It's kind of an oddly organized manual so no surprise you didn't find it). Essentially the menu row that allows you to pick the A or B VFO has a 3rd option "SPL" which lets you transmit using the frequency set in VFO-A and receive using the frequency set in VFO-B.

One cautionary note. Don't forget to get out of split mode when you are done. It is easy to overlook that you are in split mode when you come back to the radio later and wonder why no one is answering your calls.

73,

Brian (K7TKT)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kb1syv
Sent: Thursday, September 23, 2010 6:13 AM
To: FT897@yahoogroups.com
Subject: [FT897] Running Split mode?

Hello Everyone,

It's sad that I have owned my 897D for a year and have zero QSL's. I need my building superintendent to babysit me while I install my horizontal dipole on the roof, and he finally is ready to oblige me. My quest to get on the air is almost at hand and I wanted to find out a few things, one being how to setup my 897D to run split frequency. I have the manual, but I can't find where it explains this, unless the manual is calling this procedure something different. Any help would be appreciated! Anything else you would like to add that you think would benefit my DX adventures, please shout out LOL!!!

Thank you,

73,

Jethro

[Non-text portions of this message have been removed]

31274. Re: Running Split mode?

Yahoo group: FT897 (2010)
Date: 2010-09-23 17:56:14 UTC
From: kb1syv
Topic: 31271 Message: 31274

Thanks Everyone, I can't believe it was steering me right in the face!!! Par for the course for me though LOL!!!

73,

Jethro

--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hello Everyone,
>
> It's sad that I have owned my 897D for a year and have zero QSL's. I need my building superintendent to babysit me while I install my horizontal dipole on the roof, and he finally is ready to oblige me. My quest to get on the air is almost at hand and I wanted to find out a few things, one being how to setup my 897D to run split frequency. I have the manual, but I can't find where it explains this, unless the manual is calling this procedure something different. Any help would be appreciated! Anything else you would like to add that you think would benefit my DX adventures, please shout out LOL!!!
>
> Thank you,
>
> 73,
>
> Jethro
>

31275. Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-23 21:34:40 UTC
From: mstarmer1
Topic: 31275 Message: 31275

Have the FT897 running off an external power supply but am curious about batteries. I like the option but I guess I should have read more that I need;
Charger $119
Batteries x 2 $119

$360 for a couple of 4.5ah batteries and charger? Is this insane or am I missing something??

KF7LDW

I can get a good 10-12ah battery and charger for $100 most places? I know it's not built in and convenient but really...

31276. Re: [FT897] Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-23 21:47:17 UTC
From: Bret McDanel
Topic: 31275 Message: 31276

On Thu, 2010-09-23 at 21:34 +0000, mstarmer1 wrote:
>
> Have the FT897 running off an external power supply but am curious
> about batteries. I like the option but I guess I should have read more
> that I need;
> Charger $119
> Batteries x 2 $119
>
> $360 for a couple of 4.5ah batteries and charger? Is this insane or am
> I missing something??
>

its ham radio, much like marine things are more expensive :)

> KF7LDW
>
> I can get a good 10-12ah battery and charger for $100 most places? I
> know it's not built in and convenient but really...

there are some a123 batteries that people have indicated fit in the
unit, they give you a bit more power. Others have used tandy/radioshack
batteries of the same form factor and cut the cost dramatically.

The only thing special is the (documented) connector pinout. This makes
it easier to make your own. There are two connectors, internal to the
radio and external for charging. A clever person could wire this up
without much effort.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31277. radio resetting on tx

Yahoo group: FT897 (2010)
Date: 2010-09-24 07:59:51 UTC
From: vk2faja
Topic: 31277 Message: 31277

Hello all my ft 897 is resetting on tx on hf full reset on tx on all hf bands plz help

Adam VK2FAJA

31278. Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-24 12:36:32 UTC
From: John Faughn
Topic: 31275 Message: 31278

A middle option is W4RT.com web site for some of the options .

[Non-text portions of this message have been removed]

31279. i2c eeprom dump

Yahoo group: FT897 (2010)
Date: 2010-09-24 13:27:10 UTC
From: Bret McDanel
Topic: 31279 Message: 31279

I will return home in 2 weeks and dump the eeprom at that time as well as monitoring the i2c bus to see exactly when things are committed to clear up any doubt about when this happens. I will also be looking to see what else is on the i2c bus, if anything.

If someone beats me to it I will be glad to look at the microchip 24LC128 dump while I am still away. Contact me off list for a way to transfer the dump file if you can provide it. I am eager to work on this and dismayed that my radio is 12,000 miles away currently :/

I do not want a CAT dump, I have that, I want to rule out the CPU from hiding anything on that chip as well as verify what it contains. It is believed by me and some others that the 24LC128 eeprom contains the configuration settings, alignment data, memories, etc.

If you have i2c tools (like the $30 'bus pirate') and want to do this, the eeprom is under the top cover. Open the radio like you are performing a mars/cap mod. Orientate the radio so that the jumpers are at the top left, just under the jumpers is an 80 pin CPU, just down and to the right from that is an 8 pin IC (mine is slightly raised from the chips next to it). The IC should be marked with the microchip logo ('M') and 24LC128. If you have a different prom I would appreciate hearing about it along with serial number prefix (date code) and what chip is there.

Thanks

kc2dwq
--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31280. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-25 05:03:53 UTC
From: kim.liao
Topic: 31232 Message: 31280

Thanks for advice, Randy. For FM on 6M, does it follow the line-of-sight like 2M or it has better skip or propagation close to HF? I checked with some local HAMs and their feedback it is good for short to middle range within the same town under FM mode.
Thanks and 73s
KIM/BM2JAM

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Kim,
>
> The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.
>
> Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
>
> Randy - N7CKJ
>
> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> >
> > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > 1. Are they OK without using tuner?
> > 2. SSB are OK with these antenna?
> > 3. How they work together? ratings
> > 4. How is performance on 6M?
> >
> > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > Appreciate your input and 73s
> >
> > BM2JAM/ Kim from Taipei, Taiwan
> >
>

31281. Re: [FT897] Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-25 13:06:21 UTC
From: KenW
Topic: 31232 Message: 31281

Have not been on 6 for 30+ years. When 6 is open, it is one crazy band. 1 to 2 thousand miles is possible. I just read that in June of this year the midwest US was open to Europe.

>Thanks for advice, Randy. For FM on 6M, does it follow the line-of-sight like 2M or it has better skip or propagation close to HF? I checked with some local HAMs and their feedback it is good for short to middle range within the same town under FM mode.
>Thanks and 73s
>KIM/BM2JAM
>
>--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>>
>> Kim,
>>
>> The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.
>>
>> Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
>>
>> Randy - N7CKJ
>>
>> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
>> >
>> > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
>> > 1. Are they OK without using tuner?
>> > 2. SSB are OK with these antenna?
>> > 3. How they work together? ratings
>> > 4. How is performance on 6M?
>> >
>> > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
>> > Appreciate your input and 73s
>> >
>> > BM2JAM/ Kim from Taipei, Taiwan
>> >
>>
>
>
>
>
>----------------------------------
>

>Yahoo! Groups Links
>
>
>

Ken...W2BDP/0

31282. potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-09-26 07:54:21 UTC
From: Bret McDanel
Topic: 31282 Message: 31282

This is a potential issue, I have asked Yaesu for clarification. For now I will let you know what I know ...

This is not something most people will have to worry about. It takes a special kind of user to ever run into this problem, if it even exists. I think over 99% of users will never run into this problem, but it is something to be aware of.

This issue appears to affect the FT-817, FT-857 and FT-897 radios, I do not know about others, but these 3 all seem to do this particular thing the same way. Given what I know about some other Yaesu radios it might affect more.

Again, because people love to quote out of context, I will repeat the disclaimer that I do not think most people will experience this problem. I am only mentioning it so that people are aware in case they are the small tiny percentage of people that would come close to having this problem.

CWID is not stored in the normal EEPROM that everything else is. It is either stored in the CPU ROM or some as yet unidentified (by me) EEPROM. I believe it is in the CPU ROM for a variety of reasons, if you really care hunt for posts from me Sept 2009 talking about CWID on this group for why. The data sheet for the CPU states that you can only write "up to 100 times". If the CWID is stored in the CPU ROM changing it too frequently can cause you grief.

The only scenarios I can envision where someone would regularly change the CWID (enough to hit the 100 cap) is that feature being used for contests and a group ID is used (and then it would have to be frequent contesting, different IDs and possibly set back after the contest), multiple users of the radio who love that feature, or someone just changing it because they can. As I said I do not think that it is that common but it is something to be aware of if you use that feature.

kc2dwq

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31283. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-26 08:03:19 UTC
From: mstarmer1
Topic: 31275 Message: 31283

--- In FT897@yahoogroups.com, John Faughn <john.faughn@...> wrote:
>
> A middle option is W4RT.com web site for some of the options .
>
>
> [Non-text portions of this message have been removed]
>

Appears marginally cheaper. I think I'd probably be better off with a 14ah battery and charger though for these costs. Kind of feel like I should have bought the 857 instead for the smaller form factor if I don't use the bay for P/S or batteries.

Thanks for the replies.
Mike KF7LDW

31284. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-26 13:13:53 UTC
From: Hank
Topic: 31275 Message: 31284

I guess that depends. I was looking at buying the 857 for my shack. This is a shack only rig, not going in my vehicles. After playing with the 857 and 897 at the Orlando Hamcation, I chose the 897 because the display was easier to see, and the buttons were more spread out and easier to use. They are electrically identical, so you might have still made the right decision.

I do want to eventually add the batteries in mine for ARES/RACES use, but haven't yet because of the cost. This had no bearing in my choosing the 897 over the 857, it's a recent thought.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, John Faughn <john.faughn@> wrote:
> >
> > A middle option is W4RT.com web site for some of the options .
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> Appears marginally cheaper. I think I'd probably be better off with a 14ah battery and charger though for these costs. Kind of feel like I should have bought the 857 instead for the smaller form factor if I don't use the bay for P/S or batteries.
>
> Thanks for the replies.
> Mike KF7LDW
>

31285. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-26 15:06:54 UTC
From: phaydenlex
Topic: 31275 Message: 31285

I have been waiting for someone to do a write-up on fitting the A123 Batteries in the 897. If such a write up exist please post a link. ;)

73

Pat - Ai4W

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> On Thu, 2010-09-23 at 21:34 +0000, mstarmer1 wrote:
> >
> > Have the FT897 running off an external power supply but am curious
> > about batteries. I like the option but I guess I should have read more
> > that I need;
> > Charger $119
> > Batteries x 2 $119
> >
> > $360 for a couple of 4.5ah batteries and charger? Is this insane or am
> > I missing something??
> >
>
> its ham radio, much like marine things are more expensive :)
>
>
> > KF7LDW
> >
> > I can get a good 10-12ah battery and charger for $100 most places? I
> > know it's not built in and convenient but really...
>
>
> there are some a123 batteries that people have indicated fit in the
> unit, they give you a bit more power. Others have used tandy/radioshack
> batteries of the same form factor and cut the cost dramatically.
>
> The only thing special is the (documented) connector pinout. This makes
> it easier to make your own. There are two connectors, internal to the
> radio and external for charging. A clever person could wire this up
> without much effort.
>
>
> --
> Trixter aka Bret McDanel
> website: http://www.0xdecafbad.com
> pgp key: http://bit.ly/9XYK4b
>

31286. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-26 17:06:11 UTC
From: ke7adu
Topic: 31275 Message: 31286

Like so many things it really depends on what you want to do. I purchased the w4rt batteries for my 897 so that I could just grab the radio and go. For receive only each battery last me about 6 to 8 hours. This and a small solar panel are small enough for me to lug up to the top of a mountain for some fun. If you plan to operate from a fixed and easily accessible location you can buy a lot more battery power for your money elsewhere.

--- In FT897@yahoogroups.com, "mstarmer1" <mstarmer@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, John Faughn <john.faughn@> wrote:
> >
> > A middle option is W4RT.com web site for some of the options .
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> Appears marginally cheaper. I think I'd probably be better off with a 14ah battery and charger though for these costs. Kind of feel like I should have bought the 857 instead for the smaller form factor if I don't use the bay for P/S or batteries.
>
> Thanks for the replies.
> Mike KF7LDW
>

31287. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-09-26 18:01:22 UTC
From: Dean Gibson AE7Q
Topic: 31282 Message: 31287

On 2010-09-26 00:54, Bret McDanel wrote:
> CWID is not stored in the normal EEPROM that everything else is.

If you are talking about menu item 10, yes it is.

31288. Radio Inop...

Yahoo group: FT897 (2010)
Date: 2010-09-26 19:53:48 UTC
From: ae1nh
Topic: 31288 Message: 31288

Latest weekend my 5 month old FT-897D was working just fine. Last night I went into the shack and turned on the rig and I could not change modes, switch bands (tuning knobs worked fine)or transmit. I did a full reset (Power-Home) but it is still inop. I assume it will have to go to the factory for service. Any suggestions before I call tech support tomorrow?

Thanks in advance.

73 de Alan
AE1NH

31289. Re: [FT897] Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-26 20:14:09 UTC
From: JAMES AMBURN
Topic: 31232 Message: 31289

Kim, I have the UHV-5 on my truck right now for 2 & 440 use. Originally used it for 6 meters and HF. The best 6 meter contact was mobile Colorado Springs to Hawaii. I never was able to get results with the HF coils installed. I removed the HF coils and use it for 2 & 440 only. I have a screwdriver ant. now for HF. As far as 6,2,& 440 use it has always been a great ant. My HF problems may have been where I have the ant. located. The ant. does need a perfect ground to work well. Hope this helps.

Jim N0TUI

----- Original Message -----
From: kim.liao<mailto:kim.liao@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, September 24, 2010 11:03 PM
Subject: [FT897] Re: FT-897 and Comet UHV-5

Thanks for advice, Randy. For FM on 6M, does it follow the line-of-sight like 2M or it has better skip or propagation close to HF? I checked with some local HAMs and their feedback it is good for short to middle range within the same town under FM mode.
Thanks and 73s
KIM/BM2JAM

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "Radio_Randy" <rjones@...> wrote:
>
> Kim,
>
> The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.
>
> Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
>
> Randy - N7CKJ
>
> --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "kim.liao" <kim.liao@> wrote:
> >
> > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > 1. Are they OK without using tuner?
> > 2. SSB are OK with these antenna?
> > 3. How they work together? ratings
> > 4. How is performance on 6M?
> >

> > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > Appreciate your input and 73s
> >
> > BM2JAM/ Kim from Taipei, Taiwan
> >
>

[Non-text portions of this message have been removed]

31290. Re: [FT897] Radio Inop...

Yahoo group: FT897 (2010)
Date: 2010-09-26 22:42:25 UTC
From: Michael Hughey
Topic: 31288 Message: 31290

Go to main menu, find EMERGENCY mode. Make sure this is turned off! Mine did this TWICE without me doing anything!

Mike-KF4DUS/AE

Sent from my iPod

On Sep 26, 2010, at 13:53, "ae1nh" <lutz48@...> wrote:

> Latest weekend my 5 month old FT-897D was working just fine. Last night I went into the shack and turned on the rig and I could not change modes, switch bands (tuning knobs worked fine)or transmit. I did a full reset (Power-Home) but it is still inop. I assume it will have to go to the factory for service. Any suggestions before I call tech support tomorrow?
>
> Thanks in advance.
>
> 73 de Alan
> AE1NH
>
>

[Non-text portions of this message have been removed]

31291. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-09-27 04:21:50 UTC
From: Radio_Randy
Topic: 31232 Message: 31291

Kim,

I operate mainly 6 meter SSB and haven't worked an FM repeater for several years. My opinion is that frequent "long distance" contacts on 6 meter FM will have to wait for increased sunspot activity. However, don't let me discourage your attempts. Radio propagation is like the weather where sudden changes are almost impossible to predict.

Give 6 meter FM a shot. It will give you plenty of opportunities to improve your setup.

Randy - N7CKJ

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Thanks for advice, Randy. For FM on 6M, does it follow the line-of-sight like 2M or it has better skip or propagation close to HF? I checked with some local HAMs and their feedback it is good for short to middle range within the same town under FM mode.
> Thanks and 73s
> KIM/BM2JAM
>
> --- In FT897@yahoogroups.com, "Radio_Randy" <rjones@> wrote:
> >
> > Kim,
> >
> > The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.
> >
> > Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
> >
> > Randy - N7CKJ
> >
> > --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> > >
> > > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > > 1. Are they OK without using tuner?
> > > 2. SSB are OK with these antenna?
> > > 3. How they work together? ratings
> > > 4. How is performance on 6M?
> > >
> > > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > > Appreciate your input and 73s
> > >
> > > BM2JAM/ Kim from Taipei, Taiwan

> > >
> >
>

31292. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-27 16:10:14 UTC
From: mchenryproj
Topic: 31255 Message: 31292

Anyone ever had any issues with the Kenwood KPS-15? I have a chance to pick up a seemingly like new one at a reasonable price. Any bridies?

Sean
KB8JNE/AG

31293. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-27 16:16:28 UTC
From: mchenryproj
Topic: 31275 Message: 31293

Seems insane to me too. Upgraded to General Sat 25, 2010 (Last Saturday) and finally got on HF - 20m was my first stop. I mentione this because I was working folks in the Texas QSO Party and in Calif. using 25w and a dipole made from 2 20m Shark (Cheapie) mobile ships on a 9AH Gel Cell on my patio.

Since we are talking batteries, I wanted to mention this one. . .
I have been using Bescor battery packs for my video and film gear for years now. They recently put out a 14v gel cell and charger. You can get the details here:
http://www.bescor.com/Export8.htm

I sent them an email telling them they need to advertise to Hams. We are looking for the perfect battery here and this one is close. I mentioned that if they did target the Amateur market that they should add Power Poles as an option but, I have loved their stuff for a while now. Honestly the 12v cells we can get almost anyplace but their packs and options made it easy to use this weekend. If you really want to walk and talk with the 817, they make battery belts for video guys that might be great. I am not associated with these guys in any way. Just pointing out the option there. If anyone tries one before I do, let me know how it goes. I bet you get longer run times than a 12v batt.

Sean
KB8JNE/AG

31294. (no subject)

Yahoo group: FT897 (2010)
Date: 2010-09-23 05:34:44 UTC
From: robert duerr
Topic: 31294 Message: 31294

I use a pyrmid ps-52 kx
12-15 v 52 amp 60 amp surge
been using it for 3 years now with no problems at all

[Non-text portions of this message have been removed]

31295. Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-25 14:45:28 UTC
From: pbarge@att.net
Topic: 31295 Message: 31295

Hello All,

If this has been asked before my apologies in advance. I would like to connect my new FT-897d to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?

Thanks!

Pat

31296. How accurate is the rf power output selection

Yahoo group: FT897 (2010)
Date: 2010-09-27 03:18:59 UTC
From: William
Topic: 31296 Message: 31296

This is K5WCF and I was wondering how accurate or precise is the rf output selection. the reason I ask is I enjoy running SSB voice on my 897d on the 5 watt setting and using a manual mfj tuner out to a inverted v wire dipole about 15 feet or so up, and I would like to know if this is true qrp operations or is it putting out more than the 5 watts that the selection shows. I have gotten real good reports from various counties in Texas, and from other states most recent W. Virginia. I am new to HF and want to be correct in saying I am operating QRP at 5 watts. The cross needle on the tuner reads 15 watts forward when tuning up, but I am not sure what that translates to in terms of actual SSB operation. Any help or info regarding this question would be appreciated.

Thanks in advance and 73

K5WCF

31297. Re: Radio Inop...

Yahoo group: FT897 (2010)
Date: 2010-09-27 15:38:08 UTC
From: dl6xaz
Topic: 31288 Message: 31297

Alan,
I had this recently; not being able to resolve it I unplugged everything, and after switching on all was fine. Plugging the stuff in again: blocked.
The culprit was my CW keyer which had an internal hangup of PTT (cannot explain why).
Resetting that box all was fine again.
vy73 Fred DL6XAZ

--- In FT897@yahoogroups.com, "ae1nh" <lutz48@...> wrote:
>
> Latest weekend my 5 month old FT-897D was working just fine. Last night I went into the shack and turned on the rig and I could not change modes, switch bands (tuning knobs worked fine)or transmit. I did a full reset (Power-Home) but it is still inop. I assume it will have to go to the factory for service. Any suggestions before I call tech support tomorrow?
>
> Thanks in advance.
>
> 73 de Alan
> AE1NH
>

31298. Re: [FT897] How accurate is the rf power output selection

Yahoo group: FT897 (2010)
Date: 2010-09-28 09:48:55 UTC
From: Dennis
Topic: 31296 Message: 31298

Well, this depends on a few things..... first - what model tuner are you using? Most MFJ tuners' meters are notoriously in-accurate. The really only way to be sure about power out is to have a true test meter or other "accurate" meter in line to test with. Most of those meters are going to be expensive brand-name meters such as 'Bird', etc (other names escape me right now - it IS 4 in the morning here :-)).

Next, this will also depend on on how well the radio was tuned at the factory before it was shipped and (to a small extent) the type of finals and other circuitry in the radio. Seems that Yaesu changes some components from time to time for various reasons. Also may depend if the radio is new or used, and if used, did the prior owner do any work on it, mess with the settings (service menu), etc. Lots of variables here.

However, on a guess, I would say the power out (on a NEW-from-factory rig) is probably accurate to about 3, maybe 4 watts, give or take.

Sorry I couldn't be more help. Maybe someone else is more knowledgeable than I in this arena, but I can only relay what I have seen and heard at this point.

Dennis - N8BMB

On 09/26/2010 22:18, William wrote:
>
> This is K5WCF and I was wondering how accurate or precise is the rf
> output selection. the reason I ask is I enjoy running SSB voice on my
> 897d on the 5 watt setting and using a manual mfj tuner out to a
> inverted v wire dipole about 15 feet or so up, and I would like to
> know if this is true qrp operations or is it putting out more than the
> 5 watts that the selection shows. I have gotten real good reports from
> various counties in Texas, and from other states most recent W.
> Virginia. I am new to HF and want to be correct in saying I am
> operating QRP at 5 watts. The cross needle on the tuner reads 15 watts
> forward when tuning up, but I am not sure what that translates to in
> terms of actual SSB operation. Any help or info regarding this
> question would be appreciated.
>
> Thanks in advance and 73
>
> K5WCF
>
>

--
Dennis - N8BMB

[Non-text portions of this message have been removed]

31299. Re: [FT897] Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-28 12:25:29 UTC
From: Rob Stampfli
Topic: 31295 Message: 31299

On Sat, Sep 25, 2010 at 02:45:28PM -0000, pbarge@... wrote:
> Hello All,
>
> If this has been asked before my apologies in advance. I would like to connect my new FT-897d to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?

Pat,
The default keying on an SB-220 is *not* compatible with the FT-897.
The SB-220 employed a 120VAC relay. You'll need to either retrofit a
12V relay into your SB-220 or use something like the ARB-704 between
your rig and your amp.

The FT-897 was designed to key an amp from a pin in the CAT receptacle.
The ACC receptacle provides ALC to the amp, as well as "Transmit
Request", which causes the rig to transmit a carrier for tuning.
While this may have made sense to the Yaesu engineers designing the
rig to support Yaesu mobile antennas and tuners, it is problematic
if you intend to use the CAT interface and an amp at the same time.
Since most folks don't have a need for TX REQ, at least in non-portable
setups, on later rigs Yaesu provided a internal jumper option on the
rear of the top board which allows one to substitute TX GND for TX REQ
on the "ring" lead of the ACC connector. I've been told this was
effective starting with lot #25. If you take the top off your FT-897
and find your rig indeed has this jumper (J1027), located near the rear
of the rig betwen the ACC receptacle and DC power jack, you can move
the jumper to the TX GND position and then wiring the FT-897 to an amp
or ARB-704 becomes quite simple: Just plug a stereo "Y" splitter into
the ACC jack. The red side (the one that connects to the "ring" on
the 3.5mm "ACC" plug) then goes to the keying circuit on the amp or
ARB-704, while the white lead (the one connected to the "tip") goes
to the ALC, if you use it. (You'll probably not want ALC with your
SB-220.) That's how I have mine connected to my AL-80B, and it works
very well.

Good luck,
Rob

31300. Re: [FT897] Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-28 15:14:06 UTC
From: j. eric townsend
Topic: 31255 Message: 31300

Mine's great. I've never had a "real" power supply before this, but I
see no reason to buy something different if I needed a second one in
this power range.

On 9/22/10 02:23, colin.bell99 wrote:
> Ian,
>
> Personally I use an Alinco DM330MW. As a 2E0 it doesn't even break sweat (well no 25amp psu should). I've never heard the fan on mine.
>
> Not the cheapest but it has a meter and a very useful preset setting, which I have set to 13.8v.
>
> Absolutely no RF noise on HF receive that I can detect. I have not tried it on V/UHF as I have internal batteries.
>
> 73 de Colin 2E0BPP
>
> --- In FT897@yahoogroups.com, "Ian"<ian.munro@...> wrote:
>>
>> Hello,
>>
>> I'm looking to buy a power supply for my new FT897. I've looked at some reviews and lots of power supplies either have noisy fans or create electrical noise that causes problems on the HF bands. I'm on a tight budget so what would be a good value "quiet" PSU?
>>
>> Ian 2E0ZQR
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31301. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-28 20:56:34 UTC
From: az_mopar
Topic: 31255 Message: 31301

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
>I'm looking to buy a power supply for my new FT897.
>I'm on a tight budget so what would be a good value "quiet" PSU?
>
> Ian 2E0ZQR
>

I'm using an ASTRON RS-35M at home - quiet non-switching supply.

Bill W2NSG

31302. FT 897 - Self Oscillation on 70 cm

Yahoo group: FT897 (2010)
Date: 2010-09-28 21:43:41 UTC
From: Allan
Topic: 31302 Message: 31302

Hi guys,

I have an FT897, which until now only have been used occasionally on HF. After having installed new antennas I have experienced self oscillation on 70 cm on approx. 436 MHz. The TX is transmitting a continuous wave at full power even in SSB mode. Also in RX mode self oscillation occurs on a couple of frequencies around 436 MHz. It appears to work FB on two meter without any problems.

Anyone have an idea where to look for the problem? J

OZ5XN, Allan

[Non-text portions of this message have been removed]

31303. Re: [FT897] Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-28 22:06:44 UTC
From: robert donchez
Topic: 31255 Message: 31303

i bought the internal yaesu supply but i have it hanging behind the
desk and made a y patch cable- one permanently into rig and other
to connect to battery charger for the internal batteries i have
installed
been working fine for 2 years
bob donchez
wb3hyb
On Sep 28, 2010, at 4:56 PM, az_mopar wrote:

>
>
> --- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>>
>> Hello,
>>
>> I'm looking to buy a power supply for my new FT897.
>> I'm on a tight budget so what would be a good value "quiet" PSU?
>>
>> Ian 2E0ZQR
>>
>
> I'm using an ASTRON RS-35M at home - quiet non-switching supply.
>
>
> Bill W2NSG
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31304. Re: [FT897] FT 897 - Self Oscillation on 70 cm

Yahoo group: FT897 (2010)
Date: 2010-09-28 23:03:59 UTC
From: Dean Gibson AE7Q
Topic: 31302 Message: 31304

On 2010-09-28 14:43, Allan wrote:
> After having installed new antennas I have experienced self oscillation on
> 70 cm on approx. 436 MHz. The TX is transmitting a continuous wave at full
> power even in SSB mode. Also in RX mode self oscillation occurs on a couple
> of frequencies around 436 MHz. It appears to work FB on two meter without
> any problems.
>
> Anyone have an idea where to look for the problem? J

Since it seems to be related to the new antennas (and probably doesn't
do this into a dummy load), I'd guess RF feedback and a grounding issue.

31305. Re: [FT897] Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-28 22:44:35 UTC
From: B Young
Topic: 31255 Message: 31305

Here is a great value for the $.

http://www.jetstream-usa.com/jtps28.shtml

73 Barry K9BAY

On Sep 28, 2010 6:07 PM, "robert donchez" <wb3hyb@...> wrote:

i bought the internal yaesu supply but i have it hanging behind the
desk and made a y patch cable- one permanently into rig and other
to connect to battery charger for the internal batteries i have
installed
been working fine for 2 years
bob donchez
wb3hyb

On Sep 28, 2010, at 4:56 PM, az_mopar wrote:

>
>
> --- In FT897@yahoogroups.com, "Ian" <ian.munro@...
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

31306. During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-29 09:38:47 UTC
From: klokkenman
Topic: 31306 Message: 31306

Sorry, I don't know the English words for the problems I have with my 897, so a description follows.
During reception, I hear a kind of cracking / scratching noise.
Mostly when the signals are beneath S9. Stronger signals remain untouched.
It seems like the transceiver struggles with strong signals nearby, that are disrupting the signals on the other bands. I can't find any of them. But during reception with no antenna connected, there is no problem.
I also have a lot of fading during reception in UHF. Just like the AGC is pushed down.
My station is located about 100 meters away from an GSM antenna installation. But those signals are far out of range for the FT-897.
I installed an 2000Hz Inrad 455KHz SSB filter, but unfortunately no improvement at all.
Is this a common problem for the FT-897? I own the transceiver for about 2 years now, and had never any problems of this kind. Except for reception in AM mode.
I recently relocated my transceiver to the other site of the room, and used a few couplers to extend my transmission lines.

31307. how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 14:00:04 UTC
From: j. eric townsend
Topic: 31307 Message: 31307

I'm playing around with building 2M antennas and wondering how accurate the built-in SWR meter is. My "real" antenna is a mobile tri-bander and the SWR numbers are low (as I expected) but I'm kinda surprised that the first ground-plane antenna I built has even lower SWR numbers on 2M.

--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31308. Re: [FT897] how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 14:48:14 UTC
From: Paul Harris
Topic: 31307 Message: 31308

Ground plane antennas are very close to 50 ohms when the radials are dropped down 45 degrees from the horizontal. So the swr is close to 1.1 to 1. I have also made 3 element cubical quads for two meters which worked very well. Paul KB2VEC

From: j. eric townsend <jet@...>
Subject: [FT897] how accurate is the SWR meter?
To: FT897@yahoogroups.com
Date: Wednesday, September 29, 2010, 10:00 AM

I'm playing around with building 2M antennas and wondering how accurate
the built-in SWR meter is. My "real" antenna is a mobile tri-bander and
the SWR numbers are low (as I expected) but I'm kinda surprised that the
first ground-plane antenna I built has even lower SWR numbers on 2M.

--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

[Non-text portions of this message have been removed]

31309. Re: [FT897] how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 15:24:31 UTC
From: B Young
Topic: 31307 Message: 31309

I recommend getting LDG Electronics FT or FTL meter. It is awesome!
www.ldgelectronics.com

On Sep 29, 2010 10:48 AM, "Paul Harris" <kb2vec@...> wrote:

Ground plane antennas are very close to 50 ohms when the radials are dropped
down 45 degrees from the horizontal. So the swr is close to 1.1 to 1. I
have also made 3 element cubical quads for two meters which worked very
well. Paul KB2VEC

From: j. eric townsend <jet@... <jet%40flatline.net>>
Subject: [FT897] how accurate is the SWR meter?
To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
Date: Wednesday, September 29, 2010, 10:00 AM

I'm playing around with building 2M antennas and wondering how accurate
the built-in SWR mete...
[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31310. Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 15:48:37 UTC
From: bw3us
Topic: 31307 Message: 31310

The built in swr meter is a relative reading meter. There has been hours of discussion here on this forum on this exact issue. It, (as most are) is just an indicator of SWR. It's not too accurate although it gives the user an indication of problems with the antenna.
When you build antennas for a radio that costs about $900 it's best to get an accurate outboard meter. The FT-897 has saftey features built in, but if you want more accuacy an outboard meter is your best bet. Building your own antennas is a great idea, but invest in an SWR meter.
Bill, k3waw

--- In FT897@yahoogroups.com, "j. eric townsend" <jet@...> wrote:
>
> I'm playing around with building 2M antennas and wondering how accurate the built-in SWR meter is. My "real" antenna is a mobile tri-bander and the SWR numbers are low (as I expected) but I'm kinda surprised that the first ground-plane antenna I built has even lower SWR numbers on 2M.

31311. how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 16:25:21 UTC
From: Leon Singh
Topic: 31307 Message: 31311

If you are really into building antennas, and got more to build, invest in the MFJ 259 B swr analyzer ....I have never had any problems with them.

--

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

31312. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 16:12:47 UTC
From: Alan E. Lutz
Topic: 31307 Message: 31312

While I agree with Bill's recommendation of an accurate SWR meter (I have them on my radios), if you plan to tinker with antennas, you need to invest in appropriate antenna analyzer(s). At some point you will have one that isn't right and this will help you solve the proble whereas the SWR meter won't be of much help.

73 de Alan

AE1NH

----- Original Message -----
From: "bw3us" <k3waw@...>
To: FT897@yahoogroups.com
Sent: Wednesday, September 29, 2010 11:48:37 AM
Subject: [FT897] Re: how accurate is the SWR meter?

The built in swr meter is a relative reading meter. There has been hours of discussion here on this forum on this exact issue. It, (as most are) is just an indicator of SWR. It's not too accurate although it gives the user an indication of problems with the antenna.
When you build antennas for a radio that costs about $900 it's best to get an accurate outboard meter. The FT-897 has saftey features built in, but if you want more accuacy an outboard meter is your best bet. Building your own antennas is a great idea, but invest in an SWR meter.
Bill, k3waw

--- In FT897@yahoogroups.com , "j. eric townsend" <jet@...> wrote:
>
> I'm playing around with building 2M antennas and wondering how accurate the built-in SWR meter is. My "real" antenna is a mobile tri-bander and the SWR numbers are low (as I expected) but I'm kinda surprised that the first ground-plane antenna I built has even lower SWR numbers on 2M.

[Non-text portions of this message have been removed]

31313. Re: [FT897] how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 16:37:07 UTC
From: j. eric townsend
Topic: 31307 Message: 31313

On 9/29/10 10:48, Paul Harris wrote:
> Ground plane antennas are very close to 50 ohms when the radials are dropped down 45 degrees from the horizontal.

And that's pretty much what I've built...

--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31314. Re: FT 897 - Self Oscillation on 70 cm

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:01:03 UTC
From: pe1dcd
Topic: 31302 Message: 31314

Hi Allan,

--- Check the VSWR of your antennas.
--- Tighten the screws of the circuitboards , the transistors and other components IN the FT897.

GL and ' 73
Peter , PE1DCD

--- In FT897@yahoogroups.com, "Allan" <mail@...> wrote:
>
> Hi guys,
>
>
>
> I have an FT897, which until now only have been used occasionally on HF.
> After having installed new antennas I have experienced self oscillation on
> 70 cm on approx. 436 MHz. The TX is transmitting a continuous wave at full
> power even in SSB mode. Also in RX mode self oscillation occurs on a couple
> of frequencies around 436 MHz. It appears to work FB on two meter without
> any problems.
>
>
>
> Anyone have an idea where to look for the problem? J
>
>
>
> OZ5XN, Allan
>
>
>
> [Non-text portions of this message have been removed]
>

31315. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:02:51 UTC
From: j. eric townsend
Topic: 31307 Message: 31315

I'm not really trying to invent anything new, just build things based on other people's designs. Maybe once I start getting all clever I'll invest more than what I'm about to spend on the LDG outboard meter....

On 9/29/10 12:12, Alan E. Lutz wrote:
>
>
> While I agree with Bill's recommendation of an accurate SWR meter (I have them on my radios), if you plan to tinker with antennas, you need to invest in appropriate antenna analyzer(s). At some point you will have one that isn't right and this will help you solve the proble whereas the SWR meter won't be of much help.
>
> 73 de Alan
>
> AE1NH
>
>
> ----- Original Message -----
> From: "bw3us"<k3waw@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, September 29, 2010 11:48:37 AM
> Subject: [FT897] Re: how accurate is the SWR meter?
>
>
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>
>
> The built in swr meter is a relative reading meter. There has been hours of discussion here on this forum on this exact issue. It, (as most are) is just an indicator of SWR. It's not too accurate although it gives the user an indication of problems with the antenna.
> When you build antennas for a radio that costs about $900 it's best to get an accurate outboard meter. The FT-897 has saftey features built in, but if you want more accuacy an outboard meter is your best bet. Building your own antennas is a great idea, but invest in an SWR meter.
> Bill, k3waw
>
> --- In FT897@yahoogroups.com , "j. eric townsend"<jet@...> wrote:
>>
>> I'm playing around with building 2M antennas and wondering how accurate the built-in SWR meter is. My "real" antenna is a mobile tri-bander and the SWR numbers are low (as I expected) but I'm kinda surprised that the first ground-plane antenna I built has even lower SWR numbers on 2M.

>
>
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>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31316. Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:22:05 UTC
From: bw3us
Topic: 31307 Message: 31316

I read the reveiws on the MFJ 259 B swr analyzer and it has quite a positve review from most. I may have to pick one up for myself... the $260 is a bit steep, but it looks like a good investment.
Thanks for the info Leon.
73
Bill, k3waw

--- In FT897@yahoogroups.com, Leon Singh <control@...> wrote:
>
> If you are really into building antennas, and got more to build, invest in
> the MFJ 259 B swr analyzer ....I have never had any problems with
> them.
>
> --
>
>
>
>
>
> Leon Singh - 9Z4BM
> http://9z4bm.tripod.com/
> http://9z4bm-hamradio.tripod.com/
>
> I am able to do all things through Christ who strengthens me .
>
>
> [Non-text portions of this message have been removed]
>

31317. Re: How accurate is the rf power output selection

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:36:01 UTC
From: faygopaygo
Topic: 31296 Message: 31317

I think that this is mainly a question of the difference between a full duty cycle signal like FM or AM and a partial duty cycle like SSB. When you tune up using AM or a key down CW mode You get a true full duty cycle reading, in your case 15 watts. When you are using SSB you are only getting an average of the power output because it varies too fast for the meter to register correctly. The real power output is probably varying between 0-15 watts with an average around 5. So the question is, are you legal QRP. The answer is, who knows? The second question is, who cares? The answer is, you. If it bothers you that you may be breaking the QRP power limit then don't announce you are at QRP levels. Also, I'm not sure but I believe that QRP power for SSB is 10 watts or less. Somebody correct me if I'm wrong. Finally I just go by what ever the manufacturer states in their specs. For the 897 lowest power for SSB is 5 watts. That's what I consider QRP, so I use lowest power and the QRP designation when CQing. I may be lucky, but so far I have avoided prosecution by the QRP police if that's wrong.;-)

I am not sure if you should use full duty or partial duty readings for SSB power output when stating your power designation QRP,QRO for contests and such. Can anybody help me with that?

Hope this helps,

Randy
KG6WCA

--- In FT897@yahoogroups.com, "William" <wcforeman@...> wrote:
>
> This is K5WCF and I was wondering how accurate or precise is the rf output selection. the reason I ask is I enjoy running SSB voice on my 897d on the 5 watt setting and using a manual mfj tuner out to a inverted v wire dipole about 15 feet or so up, and I would like to know if this is true qrp operations or is it putting out more than the 5 watts that the selection shows. I have gotten real good reports from various counties in Texas, and from other states most recent W. Virginia. I am new to HF and want to be correct in saying I am operating QRP at 5 watts. The cross needle on the tuner reads 15 watts forward when tuning up, but I am not sure what that translates to in terms of actual SSB operation. Any help or info regarding this question would be appreciated.
>
> Thanks in advance and 73
>
> K5WCF
>

31318. RE: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:33:23 UTC
From: Joseph Richard
Topic: 31307 Message: 31318

Look at DX engineering. I believe they sell them for $238.00. You can also try getting other companies to match prices as well.

JR

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of bw3us
Sent: Wednesday, September 29, 2010 12:22 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: how accurate is the SWR meter?

I read the reveiws on the MFJ 259 B swr analyzer and it has quite a positve review from most. I may have to pick one up for myself... the $260 is a bit steep, but it looks like a good investment.
Thanks for the info Leon.
73
Bill, k3waw

--- In FT897@yahoogroups.com, Leon Singh <control@...> wrote:
>
> If you are really into building antennas, and got more to build,
> invest in the MFJ 259 B swr analyzer ....I have never had
> any problems with them.
>
> --
>
>
>
>
>
> Leon Singh - 9Z4BM
> http://9z4bm.tripod.com/
> http://9z4bm-hamradio.tripod.com/
>
> I am able to do all things through Christ who strengthens me .
>
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

31319. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-29 17:57:18 UTC
From: Harold Burton
Topic: 31307 Message: 31319

Our club has had one for several years. Only problem we had was keeping good batteries in it. It was always getting left on and running the batteries down. When I bought one for myself I also got the ac adapter for it. I've always had enough extension cord to work on my own antennas and my anayzer has never had a battery in it.(G)

Harold
KD5SAK

----- Original Message -----
From: "Joseph Richard" <jrichard333@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, September 29, 2010 12:33 PM
Subject: RE: [FT897] Re: how accurate is the SWR meter?

> Look at DX engineering. I believe they sell them for $238.00. You can
> also
> try getting other companies to match prices as well.
>
> JR

31320. Re: What PSU to buy?

Yahoo group: FT897 (2010)
Date: 2010-09-29 20:29:33 UTC
From: mchenryproj
Topic: 31255 Message: 31320

I work at a local radio shop and the techs are telling me the Samlex and Jetstream are good ones. I actually bought the Kenwood KPS-15 (very gently used for a steal) yesterday and a quick eval last night with the 897d sitting on top of it with no antennas, I scanned 6m, 2m, 20m, 40m, 80m and found no appreciable noise of any kind on any freq.

Note that I have heard from many folks and found some minor documentation that agrees, the Samlex 1223, the Kenwood KPS-15 and the Yaseu (unknown model number) are actually the same PS. This is the 23 Amp supply. I figured if Yaseu and Kenwood think it's good to go, the Samlex must be OK. And the price point is a lot lower (name recognition)

See this link for more including drawings and tech manual:
http://w4kaz.com/yaesufp1023.html

S.

31321. No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-29 23:51:21 UTC
From: kb1syv
Topic: 31321 Message: 31321

Hello Everyone,

I have been lurking here for a year at least, but finally got my superintendent's permission to put up my horizontal dipole on the roof of my 3 story building. Anticipating this new adventure, I wanted to load up the frequencies that this antenna will hopefully pull in. The dipole is setup for 40-10 meters, so I wanted to program the beginning and ending frequencies, I think subtracting or adding 3 Mhz? so that I can scan between the two values! Well I'm just learning the 897D and I followed the manual to the letter, but when I rotate through all the memory channels it goes from Ma-01 to Mk-5u!!! Where are my M-PxL/M-PxU!!! I know I'm new to this equipment, and my ex-wife can attest that I am as sharp as a bowling ball, but I think I'm not the problem here! Any advice and help is welcome and truly appreciated. Since I have been waiting over a year with this radio and no antenna, in less than a week, I might have my first QSO...Imagine That!!!

73,

Jethro

31322. Re: [FT897] No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-30 00:16:51 UTC
From: Carl Wulfestieg
Topic: 31321 Message: 31322

Jethro-
Maybe I don't understand what you are trying to accomplish. You're going to scan discrete frequencies that are stored in scan memory? What if the "scanning" just passes by the frequency when it's momentarily not transmitting? Have you ever considered using that big knob in the center of your radio to "tune" through frequencies slowly, while you listen for a signal? Just an idea- -
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31323. Re: No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-30 00:28:53 UTC
From: kb1syv
Topic: 31321 Message: 31323

Yep, I know about the big knob, I'm truly disappointed that all I got was a condescending facetious reply. I expected more from this community. I wonder why they added that feature if the had that big knobby thing there anyway?

Jethro

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Jethro-
> Maybe I don't understand what you are trying to accomplish. You're going to scan discrete frequencies that are stored in scan memory? What if the "scanning" just passes by the frequency when it's momentarily not transmitting? Have you ever considered using that big knob in the center of your radio to "tune" through frequencies slowly, while you listen for a signal? Just an idea- -
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

31324. RE: [FT897] Re: No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-30 00:35:50 UTC
From: Dave Tipton, W5DMT
Topic: 31321 Message: 31324

Probably for the sake of VHF/UHF repeaters, and the fact that some people store a dozen or so of their favorite net frequencies in the 897 for faster recall.

Scanning HF SSB or CW Frequencies is almost an act in futility. The 897 isn't really very good at that, because when doing weak signal work, you'd never use a squelch. In order to do what you're describing would mean just that, tightening down the squelch and hoping you get a big signal that would break it.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kb1syv
Sent: Wednesday, September 29, 2010 6:29 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: No PMS Channels?

Yep, I know about the big knob, I'm truly disappointed that all I got was a condescending facetious reply. I expected more from this community. I wonder why they added that feature if the had that big knobby thing there anyway?

Jethro

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Jethro-
> Maybe I don't understand what you are trying to accomplish. You're going to scan discrete frequencies that are stored in scan memory? What if the "scanning" just passes by the frequency when it's momentarily not transmitting? Have you ever considered using that big knob in the center of your radio to "tune" through frequencies slowly, while you listen for a signal? Just an idea- -
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31325. Re: No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-30 00:53:26 UTC
From: kb1syv
Topic: 31321 Message: 31325

Dave,

Thank you for the explanation, as you can see, I have a lot to learn. Now that you have brought to light the issue, I won't try and take the shortcut's. Though it still doesn't explain why those channels aren't there. I appreciate your time Dave , Thanks.

73,

Jethro

--- In FT897@yahoogroups.com, "Dave Tipton, W5DMT" <dave@...> wrote:
>
> Probably for the sake of VHF/UHF repeaters, and the fact that some people
> store a dozen or so of their favorite net frequencies in the 897 for faster
> recall.
>
>
>
> Scanning HF SSB or CW Frequencies is almost an act in futility. The 897
> isn't really very good at that, because when doing weak signal work, you'd
> never use a squelch. In order to do what you're describing would mean just
> that, tightening down the squelch and hoping you get a big signal that would
> break it.
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> kb1syv
> Sent: Wednesday, September 29, 2010 6:29 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: No PMS Channels?
>
>
>
>
>
>
> Yep, I know about the big knob, I'm truly disappointed that all I got was a
> condescending facetious reply. I expected more from this community. I wonder
> why they added that feature if the had that big knobby thing there anyway?
>
> Jethro
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Carl
> Wulfestieg" <ag4ls@> wrote:
> >
> > Jethro-

> > Maybe I don't understand what you are trying to accomplish. You're going
> to scan discrete frequencies that are stored in scan memory? What if the
> "scanning" just passes by the frequency when it's momentarily not
> transmitting? Have you ever considered using that big knob in the center of
> your radio to "tune" through frequencies slowly, while you listen for a
> signal? Just an idea- -
> > 73 Carl WZ4CW, SKCC 918, FISTS 13491
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31326. Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-30 12:16:22 UTC
From: F1RVC_Yahoo
Topic: 31306 Message: 31326

Try without antenna to check if the problem comes from the receiver or from the antenna.
73's

----- Original Message -----
From: klokkenman
To: FT897@yahoogroups.com
Sent: Wednesday, September 29, 2010 11:38 AM
Subject: [FT897] During reception, I hear a kind of cracking / scratching noise.

Sorry, I don't know the English words for the problems I have with my 897, so a description follows.
During reception, I hear a kind of cracking / scratching noise.
Mostly when the signals are beneath S9. Stronger signals remain untouched.
It seems like the transceiver struggles with strong signals nearby, that are disrupting the signals on the other bands. I can't find any of them. But during reception with no antenna connected, there is no problem.
I also have a lot of fading during reception in UHF. Just like the AGC is pushed down.
My station is located about 100 meters away from an GSM antenna installation. But those signals are far out of range for the FT-897.
I installed an 2000Hz Inrad 455KHz SSB filter, but unfortunately no improvement at all.
Is this a common problem for the FT-897? I own the transceiver for about 2 years now, and had never any problems of this kind. Except for reception in AM mode.
I recently relocated my transceiver to the other site of the room, and used a few couplers to extend my transmission lines.

[Non-text portions of this message have been removed]

31327. RE: [FT897] Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-28 14:10:37 UTC
From: pbarge@att.net
Topic: 31295 Message: 31327

Rob,

Now that is the info that I needed! Thanks very much for it! I knew there had to be an answer.

Best Regards,

Pat

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Rob Stampfli
Sent: Tuesday, September 28, 2010 7:25 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Using an FT-897d with a Heath SB-220

On Sat, Sep 25, 2010 at 02:45:28PM -0000, pbarge@...
<mailto:pbarge%40att.net> wrote:
> Hello All,
>
> If this has been asked before my apologies in advance. I would like to connect my new FT-897d to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?

Pat,
The default keying on an SB-220 is *not* compatible with the FT-897. The SB-220 employed a 120VAC relay. You'll need to either retrofit a 12V relay into your SB-220 or use something like the ARB-704 between your rig and your amp.

The FT-897 was designed to key an amp from a pin in the CAT receptacle. The ACC receptacle provides ALC to the amp, as well as "Transmit Request", which causes the rig to transmit a carrier for tuning. While this may have made sense to the Yaesu engineers designing the rig to support Yaesu mobile antennas and tuners, it is problematic if you intend to use the CAT interface and an amp at the same time. Since most folks don't have a need for TX REQ, at least in non-portable setups, on later rigs Yaesu provided a internal jumper option on the rear of the top board which allows one to substitute TX GND for TX REQ on the "ring" lead of the ACC connector. I've been told this was effective starting with lot #25. If you take the top off your FT-897 and find your rig indeed has this jumper (J1027), located near the rear of the rig betwen the ACC receptacle and DC power jack, you can move the jumper to the TX GND position and then wiring the FT-897 to an amp or ARB-704 becomes quite simple: Just plug a stereo "Y" splitter into

the ACC jack. The red side (the one that connects to the "ring" on the 3.5mm "ACC" plug) then goes to the keying circuit on the amp or ARB-704, while the white lead (the one connected to the "tip") goes to the ALC, if you use it. (You'll probably not want ALC with your SB-220.) That's how I have mine connected to my AL-80B, and it works very well.

Good luck,
Rob

[Non-text portions of this message have been removed]

31328. Micro Keyer II

Yahoo group: FT897 (2010)
Date: 2010-09-28 17:20:17 UTC
From: dougandsian@btinternet.com
Topic: 31328 Message: 31328

Changed lap top downloaded router for micro keyer.Screen comes up blank no sign of comports showing just blank screen any one help????

31329. Re: [FT897] Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-28 15:26:39 UTC
From: Mario WA2LDF
Topic: 31295 Message: 31329

Hi Pat
I'm using my SB-220 with FT-897d D
I installed a SK-220 Soft-Key for the Heathkit SB-220/SB-221
from Harbach Electronics, LLC
http://www.harbachelectronics.com/main/page_products_sb220__sb221.html
works great .
Mario Wa2LDF

From: "pbarge@att.net" <pbarge@...>
To: FT897@yahoogroups.com
Sent: Sat, September 25, 2010 10:45:28 AM
Subject: [FT897] Using an FT-897d with a Heath SB-220

Hello All,

If this has been asked before my apologies in advance. I would like to connect my new to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?

Thanks!

Pat

[Non-text portions of this message have been removed]

31330. Re: Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-28 17:51:23 UTC
From: wa2ldf
Topic: 31295 Message: 31330

Hi Pat
I'm using my SB-220 with FT-897d
I installed a SK-220 Soft-Key for the Heathkit SB-220
from Harbach Electronics, LLC
http://www.harbachelectronics.com/main/page_products_sb220__sb221.html
works great .

Mario WA2LDF

>
> Hello All,
>
> If this has been asked before my apologies in advance. I would like to connect my new FT-897d to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?
>
> Thanks!
>
> Pat
>

31331. FT897] Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-29 15:49:37 UTC
From: wa2ldf
Topic: 31331 Message: 31331

Hi Pat

I'm using my SB-220 with FT-897d D

I installed a SK-220 Soft-Key for the

http://www.harbachelectronics.com/main/page_products_sb220__sb221.html
<http://www.harbachelectronics.com/main/page_products_sb220__sb221.html>

Works great .

73 Mario

[Non-text portions of this message have been removed]

31332. Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-30 14:38:58 UTC
From: ke5dfr@sbcglobal.net
Topic: 31307 Message: 31332

Another vote for the MFj 259B and a FTL, LDG meter.

--- In FT897@yahoogroups.com, Leon Singh <control@...> wrote:
>
> If you are really into building antennas, and got more to build, invest in
> the MFJ 259 B swr analyzer ....I have never had any problems with
> them.
>
> --
>
>
>
>
>
> Leon Singh - 9Z4BM
> http://9z4bm.tripod.com/
> http://9z4bm-hamradio.tripod.com/
>
> I am able to do all things through Christ who strengthens me .
>
>
> [Non-text portions of this message have been removed]
>

31333. Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-30 15:36:04 UTC
From: David Okrent
Topic: 31307 Message: 31333

I agree with the rest that an antenna analyzer is a must have when building an antenna or at the least an SWR meter. However, unless you are building antennas all the time investing $250 or so is hard to justify. I have owned one in the past. One solution is to join a local ham club. Often they have some equipment, like an antenna analyzer, they will loan out on a few days at a time basis. You might also get an Elmer to help out.

31334. Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 16:37:22 UTC
From: Bob
Topic: 31334 Message: 31334

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM IC-2KL 500 watt amp. The control cable that I purchased for the relay and ALC goes to the same port as the HRD. Does anyone have or has made a cable splitter for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

31335. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 16:58:26 UTC
From: robertktuck@cox.net
Topic: 31334 Message: 31335

When using an amp, that connector is setup different and the CAT signals are not present. Some amps have a secondary CAT port. However, the CAT signals can be set to come out of the mic jack. I have used a RJ-45 splitter to accomplish this with HRD.
Robert
AB4RT
Sent from my BlackBerry? wireless device provided by SouthernLINC Wireless

-----Original Message-----
From: "Bob" <k9zhj@...>
Sender: FT897@yahoogroups.com
Date: Thu, 30 Sep 2010 16:37:22
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: [FT897] Using HRD and amp control on same port.

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM IC-2KL 500 watt amp. The control cable that I purchased for the relay and ALC goes to the same port as the HRD. Does anyone have or has made a cable splitter for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

[Non-text portions of this message have been removed]

31336. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 16:59:50 UTC
From: B Young
Topic: 31334 Message: 31336

Check with LDG Electronics, I know they make a cable for their FT 897 Tuner that supports more than one CAT device.

73, K9BAY

On Sep 30, 2010 12:44 PM, "Bob" <k9zhj@...> wrote:

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM IC-2KL 500 watt amp. The control cable that I purchased for the relay and ALC goes to the same port as the HRD. Does anyone have or has made a cable splitter for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

[Non-text portions of this message have been removed]

31337. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 17:05:55 UTC
From: B Young
Topic: 31334 Message: 31337

FT 897 Tuner LDG. It might be an extra CAT jack in the back of the tuner.
And not the cable that supports two CAT devices.

K9BAY

On Sep 30, 2010 12:59 PM, "B Young" <youngbar0978@...> wrote:

Check with LDG Electronics, I know they make a cable for their FT 897 Tuner
that supports more than one CAT device.

73, K9BAY

>
> On Sep 30, 2010 12:44 PM, "Bob" <k9zhj@...> wrote:
>
>
>
> I have been using HRD for tuni...

[Non-text portions of this message have been removed]

31338. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 17:24:37 UTC
From: robertktuck@cox.net
Topic: 31334 Message: 31338

I use my amp and control box on the rear port. When this port is set for the amp, it is not available for CAT control. Hence using the mic port on the front in its dual mode function. The same is true if I use the Yaesu tuner.
Robert
AB4RT
Sent from my BlackBerry® wireless device provided by SouthernLINC Wireless

-----Original Message-----
From: B Young <youngbar0978@gmail.com>
Sender: FT897@yahoogroups.com
Date: Thu, 30 Sep 2010 12:59:50
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: Re: [FT897] Using HRD and amp control on same port.

Check with LDG Electronics, I know they make a cable for their FT 897 Tuner
that supports more than one CAT device.

73, K9BAY

On Sep 30, 2010 12:44 PM, "Bob" <k9zhj@live.com> wrote:

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM
IC-2KL 500 watt amp. The control cable that I purchased for the relay and
ALC goes to the same port as the HRD. Does anyone have or has made a cable
splitter for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

[Non-text portions of this message have been removed]

Yahoo! Groups Links

31339. RE: [FT897] FT 897 - Self Oscillation on 70 cm

Yahoo group: FT897 (2010)
Date: 2010-09-30 17:36:24 UTC
From: Chet S
Topic: 31302 Message: 31339

Hi Allan,

I had a problem with this too about a year ago.

When I changed some cables, my 897 transmitter developed a spurious oscillation. If I put the radio into transmit mode with a /PTT, but no key closure, the output should have been zero, but it was transmitting a signal varying from 1-3 watts at an unknown frequency. Waving my hand over the radio or holding some of the cabling could occasionally get it to stop, but not consistently. I finally narrowed it down to the 432 MHz bandpass filter section on the main pcb. A slight adjustment of one of the trimmer caps in that area got rid of this parasitic.

Good luck,
Chet, N8RA

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Allan
Sent: Tuesday, September 28, 2010 5:44 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT 897 - Self Oscillation on 70 cm

Hi guys,

I have an FT897, which until now only have been used occasionally on HF. After having installed new antennas I have experienced self oscillation on 70 cm on approx. 436 MHz. The TX is transmitting a continuous wave at full power even in SSB mode. Also in RX mode self oscillation occurs on a couple of frequencies around 436 MHz. It appears to work FB on two meter without any problems.

Anyone have an idea where to look for the problem? J

OZ5XN, Allan

[Non-text portions of this message have been removed]

31340. Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-30 19:26:27 UTC
From: N4CQR
Topic: 31306 Message: 31340

This sounds like a bad crystal filter. And it appears to be somewhat common. I had almost the same symptom. Thankfully the radio was under warranty. Yaesu replaced a crystal filte and, two surface mount components. If you disconnect the antenna and the noise is still there, this is likely your problem.

I've seen this problem posted here several times.

My best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

  ----- Original Message -----
  From: klokkenman
  To: FT897@yahoogroups.com
  Sent: Wednesday, September 29, 2010 11:38 AM
  Subject: [FT897] During reception, I hear a kind of cracking / scratching noise.

  Sorry, I don't know the English words for the problems I have with my 897, so a description follows.
  During reception, I hear a kind of cracking / scratching noise.
  Mostly when the signals are beneath S9. Stronger signals remain untouched.
  It seems like the transceiver struggles with strong signals nearby, that are disrupting the signals on the other bands. I can't find any of them. But during reception with no antenna connected, there is no problem.
  I also have a lot of fading during reception in UHF. Just like the AGC is pushed down.
  My station is located about 100 meters away from an GSM antenna installation. But those signals are far out of range for the FT-897.
  I installed an 2000Hz Inrad 455KHz SSB filter, but unfortunately no improvement at all.
  Is this a common problem for the FT-897? I own the transceiver for about 2 years now, and had never any problems of this kind. Except for reception in AM mode.
  I recently relocated my transceiver to the other site of the room, and used a few couplers to extend my transmission lines.

[Non-text portions of this message have been removed]

31341. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-30 19:29:02 UTC
From: Carl Wulfestieg
Topic: 31307 Message: 31341

I agree - an antenna analyzer is very useful. Sometimes, on the last day of a Hamfest, if you're lucky, you can pick up a MFJ-259B for close to $200. Don't forget the MFJ-1312D power supply ($15.95) so you don't have to use batteries. Good Luck!!
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31342. Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-30 21:16:46 UTC
From: Bob Jones
Topic: 31306 Message: 31342

I just had my FT-857 repaired by Vertex in Califormia for the same problem. The cost was $71.00 US. I am waiting on UPS to delilver the radio today. I should have a repair order detailing the components that were replaced.

Bob
W4LCS

--- On Thu, 9/30/10, N4CQR <n4cqr@...> wrote:

From: N4CQR <n4cqr@...>
Subject: Re: [FT897] During reception, I hear a kind of cracking / scratching noise.
To: FT897@yahoogroups.com
Date: Thursday, September 30, 2010, 2:26 PM

This sounds like a bad crystal filter. And it appears to be somewhat common. I had almost the same symptom. Thankfully the radio was under warranty. Yaesu replaced a crystal filte and, two surface mount components. If you disconnect the antenna and the noise is still there, this is likely your problem.

I've seen this problem posted here several times.

My best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

  ----- Original Message -----
  From: klokkenman
  To: FT897@yahoogroups.com
  Sent: Wednesday, September 29, 2010 11:38 AM
  Subject: [FT897] During reception, I hear a kind of cracking / scratching noise.

  Sorry, I don't know the English words for the problems I have with my 897, so a description follows.
  During reception, I hear a kind of cracking / scratching noise.
  Mostly when the signals are beneath S9. Stronger signals remain untouched.
  It seems like the transceiver struggles with strong signals nearby, that are disrupting the signals on the other bands. I can't find any of them. But during reception with no antenna connected, there is no problem.
  I also have a lot of fading during reception in UHF. Just like the AGC is pushed down.
  My station is located about 100 meters away from an GSM antenna installation. But those signals are far out of range for the FT-897.
  I installed an 2000Hz Inrad 455KHz SSB filter, but unfortunately no improvement at all.

Is this a common problem for the FT-897? I own the transceiver for about 2 years now, and had never any problems of this kind. Except for reception in AM mode.

I recently relocated my transceiver to the other site of the room, and used a few couplers to extend my transmission lines.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31343. Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-09-30 22:13:48 UTC
From: stykemup
Topic: 31307 Message: 31343

Gigaparts has the MFJ 259B for $219.95 with a current $20 discount, plus about $8 shipping right now.
Mine is on its way.

http://www.gigaparts.com/store.php?action=profile&sku=ZMF-259B

Bill, k3waw

--- In FT897@yahoogroups.com, Joseph Richard <jrichard333@...> wrote:
>
> Look at DX engineering. I believe they sell them for $238.00. You can also
> try getting other companies to match prices as well.
>
> JR
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> bw3us
> Sent: Wednesday, September 29, 2010 12:22 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: how accurate is the SWR meter?
>
> I read the reveiws on the MFJ 259 B swr analyzer and it has quite a positve
> review from most. I may have to pick one up for myself... the $260 is a bit
> steep, but it looks like a good investment.
> Thanks for the info Leon.
> 73
> Bill, k3waw
>
> --- In FT897@yahoogroups.com, Leon Singh <control@> wrote:
> >
> > If you are really into building antennas, and got more to build,
> > invest in the MFJ 259 B swr analyzer ....I have never had
> > any problems with them.
> >
> > --
> >
> >
> >
> >
> >
> > Leon Singh - 9Z4BM
> > http://9z4bm.tripod.com/
> > http://9z4bm-hamradio.tripod.com/
> >
> > I am able to do all things through Christ who strengthens me .

> >
> >
> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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31344. Re: No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-09-30 22:09:22 UTC
From: mchenryproj
Topic: 31321 Message: 31344

Jethro,
The previous reply is correct but perhaps a little short on the "why" part, a little.

In order to scan, the channel has to have no noise at all on the freqs in question, like when a 2 m repeater or simplex FM channel is squelched, not just inactive with white noise on it. The easiest way for a radio to sense an active channel is to listen for something breaking the squelch when it checks that frequency. That's fine in FM and local but in HF, you are usually trying to pull in weak signals at an equal level with that background noise sometimes. If the squelch is set to high, you will never hear that station, a bad way to operate in HF as you could decide nobody is on the freq and try calling, right on top of someone else. Squelch is not often used in HF for those reasons.

To scan channels or frequencies, you would need to put the squelch on or the radio will simply sit on the very first frequency it tries to scan and never go anyplace, since it would be hearing that background noise.

I think you can see how scanning HF is an issue now. You can sort of get away with it but the background level will change from day to day, heck, even moment to moment. Usually squelch is only good for FM services. Am can do it if the radio looks for carrier rather than a certain noise level but it's an issue there too normally. Don't forget most HF stations have flutter and fade due atmospheric conditions and you might get it to work until a station drops below the squelch level then the scan would start again. If you were scanning a whole band, like 440 SSB, it will be a while before the radio cycles around to that freq you were listening to again and if the station is in the background noise level or happens to not be transmitting - you miss them for yet another pass.

Hope that helps with the reasoning. Sounded like you were looking for a "why" it won't work answer and that might help out. As for why the channels aren't showing up... maybe the radio won't let you set those on HF? Haven't tried it myself. Good luck.

Sean
KB8JNE

31345. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-09-30 22:12:36 UTC
From: TERRY BALDWIN
Topic: 31334 Message: 31345

From: Bob <k9zhj@...>
To: FT897@yahoogroups.com
Sent: Thursday, 30 September, 2010 17:37:22
Subject: [FT897] Using HRD and amp control on same port.

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM IC-2KL 500 watt amp. The control cable that I purchased for the relay and ALC goes to the same port as the HRD. Does anyone have or has made a cable splitter for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

[Non-text portions of this message have been removed]

31346. Re: During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-30 22:16:13 UTC
From: mchenryproj
Topic: 31306 Message: 31346

I'm curious. You said it had no other symptoms but did your output power change during a transmission at all? SWR jump around? Anyone tell you is sounded like you were dropping in and out while talking? Just wondering if it might have been a bad internal antenna connection?

Just curious. Seems like nothing serious would be fixed for $71 as the bench fees alone are at least that. If it was a solder joint I could see tossing only the bench fee at it, or if it was under warranty maybe but it soulds like yours was out of warranty. Sure would be nice of them to fix it for you as a courtesy. That happens and we are all grateful when they do that, and many companies do that for us.

Sean
KB8JNE

31347. Re: [FT897] Re: During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-09-30 23:54:40 UTC
From: Bob Jones
Topic: 31306 Message: 31347

Hi Sean,

My problem was only on receive, TX was fine. I would get loud static crashes when receiving 2m signals. The noise was so bad at times it would completly drown out all stations. I benched the radio with a good power supply and my base station 2m antenna to elimanate all possible external sources of the noise. I suspect that it is the reported filter problem. I did not test very well on HF as this radio was in my vehicle and it has only limited HF antenna capabilities. I would not be supprised if it was a $1.00 part and $70.00 (one Hour) labor cost. Looks like it may be tomorrow before UPS deliveres the radio. Vertex shipped it back on Monday.

Bob
W4LCS

--- On Thu, 9/30/10, mchenryproj <mchenryproj@...> wrote:

From: mchenryproj <mchenryproj@...>
Subject: [FT897] Re: During reception, I hear a kind of cracking / scratching noise.
To: FT897@yahoogroups.com
Date: Thursday, September 30, 2010, 5:16 PM

I'm curious. You said it had no other symptoms but did your output power change during a transmission at all? SWR jump around? Anyone tell you is sounded like you were dropping in and out while talking? Just wondering if it might have been a bad internal antenna connection?

Just curious. Seems like nothing serious would be fixed for $71 as the bench fees alone are at least that. If it was a solder joint I could see tossing only the bench fee at it, or if it was under warranty maybe but it soulds like yours was out of warranty. Sure would be nice of them to fix it for you as a courtesy. That happens and we are all grateful when they do that, and many companies do that for us.

Sean
KB8JNE

[Non-text portions of this message have been removed]

31348. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-10-01 02:36:09 UTC
From: DALE
Topic: 31334 Message: 31348

It is in the FT-857 list archives.
works on 817/857/.897/VX-1700.
I use mine on a Henry, has been used on a couple of other brands.
Dale

----- Original Message -----
From: "TERRY BALDWIN" <tfbaldwin@...>
To: FT897@yahoogroups.com
Sent: Thursday, September 30, 2010 3:12:36 PM
Subject: Re: [FT897] Using HRD and amp control on same port.

From: Bob < k9zhj@... >
To: FT897@yahoogroups.com
Sent: Thursday, 30 September, 2010 17:37:22
Subject: [FT897] Using HRD and amp control on same port.

I have been using HRD for tuning the FT-897D. Have been able to get an ICOM
IC-2KL 500 watt amp. The control cable that I purchased for the relay and ALC
goes to the same port as the HRD. Does anyone have or has made a cable splitter
for this, or is this not possible to do. Thanks and 73's

Bob

K9ZHJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31349. RE: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-01 09:04:37 UTC
From: Simon
Topic: 31307 Message: 31349

Hi All,

Re the antenna analyser, (I know this is a little off topic) there's a club in VK who are doing a kit version of an analyser for a cheaper price than the MFJ, and in my opinion it's every bit (if not better) as good as the MFJ.

Visit http://www.scarc.org.au, and click on the projects link. The design is that of Jim, VK5TR (some of may know him as VK5JST)

Price is (AU) $150 for international, or $135 for VK.

Cheers

Simon

VK5LNX

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Carl Wulfestieg
Sent: Friday, 1 October 2010 4:59 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: how accurate is the SWR meter?

I agree - an antenna analyzer is very useful. Sometimes, on the last day of a Hamfest, if you're lucky, you can pick up a MFJ-259B for close to $200. Don't forget the MFJ-1312D power supply ($15.95) so you don't have to use batteries. Good Luck!!
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31350. OT re mfj 258/9

Yahoo group: FT897 (2010)
Date: 2010-10-01 10:55:10 UTC
From: Chris Baker
Topic: 31307 Message: 31350

do a google and you can also download the calibration info for these.
 very very useful to ensure all ok when measuring

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84
NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

[Non-text portions of this message have been removed]

31351. Re: No PMS Channels?

Yahoo group: FT897 (2010)
Date: 2010-10-01 11:54:46 UTC
From: kb1syv
Topic: 31321 Message: 31351

Thank you Sean, I got the idea now. The last couple people who responded helped out much more then the first wisenheimer. I still wonder who chapped his hind quarters LOL! Thanks again!

73,

Jethro

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
> Jethro,
> The previous reply is correct but perhaps a little short on the "why" part, a little.
>
> In order to scan, the channel has to have no noise at all on the freqs in question, like when a 2 m repeater or simplex FM channel is squelched, not just inactive with white noise on it. The easiest way for a radio to sense an active channel is to listen for something breaking the squelch when it checks that frequency. That's fine in FM and local but in HF, you are usually trying to pull in weak signals at an equal level with that background noise sometimes. If the squelch is set to high, you will never hear that station, a bad way to operate in HF as you could decide nobody is on the freq and try calling, right on top of someone else. Squelch is not often used in HF for those reasons.
>
> To scan channels or frequencies, you would need to put the squelch on or the radio will simply sit on the very first frequency it tries to scan and never go anyplace, since it would be hearing that background noise.
>
> I think you can see how scanning HF is an issue now. You can sort of get away with it but the background level will change from day to day, heck, even moment to moment. Usually squelch is only good for FM services. Am can do it if the radio looks for carrier rather than a certain noise level but it's an issue there too normally. Don't forget most HF stations have flutter and fade due atmospheric conditions and you might get it to work until a station drops below the squelch level then the scan would start again. If you were scanning a whole band, like 440 SSB, it will be a while before the radio cycles around to that freq you were listening to again and if the station is in the background noise level or happens to not be transmitting - you miss them for yet another pass.
>
> Hope that helps with the reasoning. Sounded like you were looking for a "why" it won't work answer and that might help out. As for why the channels aren't showing up... maybe the radio won't let you set those on HF? Haven't tried it myself. Good luck.
>
> Sean
> KB8JNE
>

31352. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-10-01 12:26:00 UTC
From: John Faughn
Topic: 31334 Message: 31352

W4RT's web site has whats called a cate mate , that allows up 3 connections
to the CAT/lineir port .
I haven't bought one yet , I may look into making something myself .
John
kd0cac

[Non-text portions of this message have been removed]

31354. Re: [FT897] Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-09-23 22:53:48 UTC
From: Michael
Topic: 31275 Message: 31354

Same reason I didn't buy the Yeasu internal power supply. I bought an Astron 35 amp power supply for 50 bucks less. It's more powerful than the Yeasu 22 amp power supply, and it can be used with any 12v device I own.

Michael
kf6wtc

From: Bret McDanel
Sent: Thursday, September 23, 2010 2:47 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Tell me about batteries...?

On Thu, 2010-09-23 at 21:34 +0000, mstarmer1 wrote:
>
> Have the FT897 running off an external power supply but am curious
> about batteries. I like the option but I guess I should have read more
> that I need;
> Charger $119
> Batteries x 2 $119
>
> $360 for a couple of 4.5ah batteries and charger? Is this insane or am
> I missing something??
>

its ham radio, much like marine things are more expensive :)

> KF7LDW
>
> I can get a good 10-12ah battery and charger for $100 most places? I
> know it's not built in and convenient but really...

there are some a123 batteries that people have indicated fit in the
unit, they give you a bit more power. Others have used tandy/radioshack
batteries of the same form factor and cut the cost dramatically.

The only thing special is the (documented) connector pinout. This makes
it easier to make your own. There are two connectors, internal to the
radio and external for charging. A clever person could wire this up
without much effort.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

[Non-text portions of this message have been removed]

31355. Re: [FT897] Using HRD and amp control on same port.

Yahoo group: FT897 (2010)
Date: 2010-10-01 21:20:13 UTC
From: robertktuck@cox.net
Topic: 31334 Message: 31355

That might work if the amp does not require the radio to be set to linear instead of CAT.
Robert
AB4RT
Sent from my BlackBerry? wireless device provided by SouthernLINC Wireless

-----Original Message-----
From: John Faughn <john.faughn@...>
Sender: FT897@yahoogroups.com
Date: Fri, 1 Oct 2010 07:26:00
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: Re: [FT897] Using HRD and amp control on same port.

W4RT's web site has whats called a cate mate , that allows up 3 connections
to the CAT/lineir port .
I haven't bought one yet , I may look into making something myself .
John
kd0cac

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31356. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 02:08:06 UTC
From: j. eric townsend
Topic: 31307 Message: 31356

Because I'm cheap, I started with the LDG FTL. It's really nice, a big display and all, but either I am the bestest antenna builder in the world or it's inaccurate. I find it hard to believe that my APRS tuned ground plane is 1:1 on the first rev and that all my AT-897 tuned freqs on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune, but after that it drops down to "it's all good" when I xmit...

On 9/30/10 10:38, ke5dfr@... wrote:
> Another vote for the MFj 259B and a FTL, LDG meter.
>
> --- In FT897@yahoogroups.com, Leon Singh<control@...> wrote:
>>
>> If you are really into building antennas, and got more to build, invest in
>> the MFJ 259 B swr analyzer ....I have never had any problems with
>> them.
>>
>> --
>>
>>
>>
>>
>>
>> Leon Singh - 9Z4BM
>> http://9z4bm.tripod.com/
>> http://9z4bm-hamradio.tripod.com/
>>
>> I am able to do all things through Christ who strengthens me .
>>
>>
>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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--
J. Eric Townsend

design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31357. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 02:16:08 UTC
From: DALE
Topic: 31307 Message: 31357

All I am concerned about is if the SWR is high or low. If it is high I find out why and fix it.
If it is low I transmit.
Many hams do not know what the numbers mean anyway.
Dale
----- Original Message -----
From: "j. eric townsend" <jet@...>
To: FT897@yahoogroups.com
Cc: ke5dfr@...
Sent: Friday, October 1, 2010 7:08:06 PM
Subject: Re: [FT897] Re: how accurate is the SWR meter?

Because I'm cheap, I started with the LDG FTL. It's really nice, a big
display and all, but either I am the bestest antenna builder in the
world or it's inaccurate. I find it hard to believe that my APRS tuned
ground plane is 1:1 on the first rev and that all my AT-897 tuned freqs
on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune,
but after that it drops down to "it's all good" when I xmit...

[Non-text portions of this message have been removed]

31358. transverter options

Yahoo group: FT897 (2010)
Date: 2010-10-02 08:41:54 UTC
From: Bret McDanel
Topic: 31358 Message: 31358

I am looking for transverter options. A google products search returned little of value. Basically I want to weigh my options of what is available, any band that the ft-897 does not support is welcome. A vendor name is appreciated, a model number, possibly link to a place that sells them and input/output requirements are even more helpful.

So what is out there and who makes it?

Thanks

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31359. RE: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 13:05:58 UTC
From: Ken Bandy
Topic: 31307 Message: 31359

The SWR meter on the rig is telling you just that, what the SWR is at the rig, AFTER the tuner has matched the antenna to your rig. That's the reason the SWR meter "goes nuts" while you tune, you are seeing the tuner in the process of selecting the right match for the antenna. In order to really see how well your antenna resonates, you need either an outboard SWR monitor (Autek makes one), or an actual antenna analyzer like the MFJ units.

73,
Ken
KJ9B

> -----Original Message-----
> From: j. eric townsend [mailto:jet@...]
> Sent: Friday, October 01, 2010 10:08 PM
> To: FT897@yahoogroups.com
> Cc: ke5dfr@...
> Subject: Re: [FT897] Re: how accurate is the SWR meter?
>
> Because I'm cheap, I started with the LDG FTL. It's really
> nice, a big
> display and all, but either I am the bestest antenna builder in the
> world or it's inaccurate. I find it hard to believe that my
> APRS tuned
> ground plane is 1:1 on the first rev and that all my AT-897
> tuned freqs
> on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune,
> but after that it drops down to "it's all good" when I xmit...

31360. Re: [FT897] Re: During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-10-02 15:00:49 UTC
From: Robin Jong
Topic: 31306 Message: 31360

Hi Sean

No power or SWR problems for as far as I could measure. Depending on the internal SWR indicator of the rig. I can only check it with an external power meter on HF, and no problems there either.
I checked the internal soldering to the antenna connectors inside the rig, and it looks like that's fine.
But I do have some fading in my transmission signals on UHF as well.

Rob

From: mchenryproj <mchenryproj@...>
To: FT897@yahoogroups.com
Sent: Fri, October 1, 2010 12:16:13 AM
Subject: [FT897] Re: During reception, I hear a kind of cracking / scratching noise.

I'm curious. You said it had no other symptoms but did your output power change during a transmission at all? SWR jump around? Anyone tell you is sounded like you were dropping in and out while talking? Just wondering if it might have been a bad internal antenna connection?

Just curious. Seems like nothing serious would be fixed for $71 as the bench fees alone are at least that. If it was a solder joint I could see tossing only the bench fee at it, or if it was under warranty maybe but it soulds like yours was out of warranty. Sure would be nice of them to fix it for you as a courtesy. That happens and we are all grateful when they do that, and many companies do that for us.

Sean
KB8JNE

[Non-text portions of this message have been removed]

31361. Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-10-02 15:14:19 UTC
From: Robin Jong
Topic: 31306 Message: 31361

Thanks. Craig

I will let it stay on for a while with no antenna connected. See if the problem still occurs.
I tried it for a shot period of time, and thought it wasn't there, but maybe the problem is just starting to commence. Unfortunately the rig is just out of warranty.

Rob

From: N4CQR <n4cqr@...>
To: FT897@yahoogroups.com
Sent: Thu, September 30, 2010 9:26:27 PM
Subject: Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

This sounds like a bad crystal filter. And it appears to be somewhat common. I had almost the same symptom. Thankfully the radio was under warranty. Yaesu replaced a crystal filte and, two surface mount components. If you disconnect the antenna and the noise is still there, this is likely your problem.

I've seen this problem posted here several times.

My best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

  ----- Original Message -----
  From: klokkenman
  To: FT897@yahoogroups.com
  Sent: Wednesday, September 29, 2010 11:38 AM
  Subject: [FT897] During reception, I hear a kind of cracking / scratching noise.

  Sorry, I don't know the English words for the problems I have with my 897, so a description follows.
  During reception, I hear a kind of cracking / scratching noise.
  Mostly when the signals are beneath S9. Stronger signals remain untouched.
  It seems like the transceiver struggles with strong signals nearby, that are disrupting the signals on the other bands. I can't find any of them. But during reception with no antenna connected, there is no problem.

I also have a lot of fading during reception in UHF. Just like the AGC is pushed down.
My station is located about 100 meters away from an GSM antenna installation. But those signals are far out of range for the FT-897.

I installed an 2000Hz Inrad 455KHz SSB filter, but unfortunately no improvement at all.

Is this a common problem for the FT-897? I own the transceiver for about 2 years now, and had never any problems of this kind. Except for reception in AM mode.
I recently relocated my transceiver to the other site of the room, and used a few couplers to extend my transmission lines.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31362. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 15:31:24 UTC
From: j. eric townsend
Topic: 31307 Message: 31362

Right, I figured that was the case. But it also drops to 1:1 on VHF,
where there is no outboard tuner. Maybe I just built a good antenna? :-)

On 10/2/10 09:05, Ken Bandy wrote:
> The SWR meter on the rig is telling you just that, what the SWR is at the
> rig, AFTER the tuner has matched the antenna to your rig. That's the reason
> the SWR meter "goes nuts" while you tune, you are seeing the tuner in the
> process of selecting the right match for the antenna. In order to really
> see how well your antenna resonates, you need either an outboard SWR monitor
> (Autek makes one), or an actual antenna analyzer like the MFJ units.
>
> 73,
> Ken
> KJ9B
>
>> -----Original Message-----
>> From: j. eric townsend [mailto:jet@...]
>> Sent: Friday, October 01, 2010 10:08 PM
>> To: FT897@yahoogroups.com
>> Cc: ke5dfr@...
>> Subject: Re: [FT897] Re: how accurate is the SWR meter?
>>
>> Because I'm cheap, I started with the LDG FTL. It's really
>> nice, a big
>> display and all, but either I am the bestest antenna builder in the
>> world or it's inaccurate. I find it hard to believe that my
>> APRS tuned
>> ground plane is 1:1 on the first rev and that all my AT-897
>> tuned freqs
>> on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune,
>> but after that it drops down to "it's all good" when I xmit...
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> Yahoo! Groups Links
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J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ

PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31363. Re: [FT897] transverter options

Yahoo group: FT897 (2010)
Date: 2010-10-02 16:25:58 UTC
From: Leon Robinson
Topic: 31358 Message: 31363

Bret,

Try www.downeastmicrowave.com/

Leon K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Sat, 10/2/10, Bret McDanel <trixter@...> wrote:

From: Bret McDanel <trixter@...>
Subject: [FT897] transverter options
To: "FT897 mailing list" <FT897@yahoogroups.com>
Date: Saturday, October 2, 2010, 3:41 AM

I am looking for transverter options. A google products search returned

little of value. Basically I want to weigh my options of what is

available, any band that the ft-897 does not support is welcome. A

vendor name is appreciated, a model number, possibly link to a place

that sells them and input/output requirements are even more helpful.

So what is out there and who makes it?

Thanks

--

Trixter aka Bret McDanel

website: http://www.0xdecafbad.com

pgp key: http://bit.ly/9XYK4b

[Non-text portions of this message have been removed]

31364. RE: [FT897] Re: Using an FT-897d with a Heath SB-220

Yahoo group: FT897 (2010)
Date: 2010-09-30 15:11:58 UTC
From: pbarge@att.net
Topic: 31295 Message: 31364

Mario,

Thanks for the link! I'll check it out.

Pat

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wa2ldf
Sent: Tuesday, September 28, 2010 12:51 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Using an FT-897d with a Heath SB-220

Hi Pat
I'm using my SB-220 with FT-897d
I installed a SK-220 Soft-Key for the Heathkit SB-220
from Harbach Electronics, LLC
http://www.harbachelectronics.com/main/page_products_sb220__sb221.html
works great .

Mario WA2LDF

>
> Hello All,
>
> If this has been asked before my apologies in advance. I would like to connect my new FT-897d to my old Heath SB-220 amp. I have found some spotty info about changing a jumper and using the acc jack to key the amp, however no "how to" documentation. Any of you gurus have this info? Also, once this is set up, will there still be a need to have an optical interface between the two to protect the keying circuit of the rig?
>
> Thanks!
>
> Pat
>

[Non-text portions of this message have been removed]

31365. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 19:38:47 UTC
From: tailfeathers
Topic: 31307 Message: 31365

2m antenna?...those are hard to get wrong...:>)

n8gsj

On 10/1/2010 8:08 PM, j. eric townsend wrote:
> Because I'm cheap, I started with the LDG FTL. It's really nice, a big
> display and all, but either I am the bestest antenna builder in the
> world or it's inaccurate. I find it hard to believe that my APRS tuned
> ground plane is 1:1 on the first rev and that all my AT-897 tuned freqs
> on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune,
> but after that it drops down to "it's all good" when I xmit...
>
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>
> On 9/30/10 10:38, ke5dfr@... wrote:
>> Another vote for the MFj 259B and a FTL, LDG meter.
>>
>> --- In FT897@yahoogroups.com, Leon Singh<control@...> wrote:
>>> If you are really into building antennas, and got more to build, invest in
>>> the MFJ 259 B swr analyzer ....I have never had any problems with
>>> them.
>>>
>>> --
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>>> Leon Singh - 9Z4BM
>>> http://9z4bm.tripod.com/
>>> http://9z4bm-hamradio.tripod.com/
>>>
>>> I am able to do all things through Christ who strengthens me .
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>>> [Non-text portions of this message have been removed]
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Refinance Now 3.7% FIXED
$160,000 Mortgage for $547/mo. FREE. No Obligation. Get 4 Quotes!
http://thirdpartyoffers.juno.com/TGL3141/4ca78a52b5ea66387cst03vuc

[Non-text portions of this message have been removed]

31366. Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

Yahoo group: FT897 (2010)
Date: 2010-10-02 19:51:14 UTC
From: N4CQR
Topic: 31306 Message: 31366

When mine did this, I noticed that the "noise" would start at S1 and slowly increase over a few minutes until it reached S9.

I hope you get it resolved. The 897 IS a darn nice little rig. Perfect for us non powerhouse stations who enjoy simple and pleasurable QSOs

Best!

ps,mine too was just out of warranty. I think a month and day or two. It was still repaired under warranty. And with excellent turn around time.

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Sat, 10/2/10, Robin Jong <klokkenman@...> wrote:

From: Robin Jong <klokkenman@...>
Subject: Re: [FT897] During reception, I hear a kind of cracking / scratching noise.
To: FT897@yahoogroups.com
Date: Saturday, October 2, 2010, 11:14 AM

Thanks. Craig

I will let it stay on for a while with no antenna connected. See if the problem still occurs.
I tried it for a shot period of time, and thought it wasn't there, but maybe the problem is just starting to commence. Unfortunately the rig is just out of warranty.

Rob

From: N4CQR <n4cqr@...>
To: FT897@yahoogroups.com
Sent: Thu, September 30, 2010 9:26:27 PM
Subject: Re: [FT897] During reception, I hear a kind of cracking / scratching noise.

This sounds like a bad crystal filter. And it appears to be somewhat common. I had almost the same symptom. Thankfully the radio was under warranty. Yaesu replaced a crystal filte and, two surface mount components. If you disconnect the antenna and the noise is still there, this is likely your problem.

I've seen this problem posted here several times.

My best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

  ----- Original Message -----
  From: klokkenman
  To: FT897@yahoogroups.com
  Sent: Wednesday, September 29, 2010 11:38 AM
  Subject: [FT897] During reception, I hear a kind of cracking / scratching noise.

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

31367. Re: [FT897] Re: how accurate is the SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-10-02 21:52:12 UTC
From: j. eric townsend
Topic: 31307 Message: 31367

It's my first one! I'm used to doing metalwork at +/- .005, surface mount soldering chips and making exact scale models and wasn't sure how fine the tolerances need to be on a ground plane antenna. I think I'm +/- 1mm or so and that makes me nervous. :-)

On 10/2/10 15:38, tailfeathers wrote:
> 2m antenna?...those are hard to get wrong...:>)
>
> n8gsj
>
> On 10/1/2010 8:08 PM, j. eric townsend wrote:
>> Because I'm cheap, I started with the LDG FTL. It's really nice, a big
>> display and all, but either I am the bestest antenna builder in the
>> world or it's inaccurate. I find it hard to believe that my APRS tuned
>> ground plane is 1:1 on the first rev and that all my AT-897 tuned freqs
>> on my 40m dipole are also 1:1. The SWR meter goes nuts while I tune,
>> but after that it drops down to "it's all good" when I xmit...
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>> On 9/30/10 10:38, ke5dfr@... wrote:
>>> Another vote for the MFj 259B and a FTL, LDG meter.
>>>
>>> --- In FT897@yahoogroups.com, Leon Singh<control@...> wrote:
>>>> If you are really into building antennas, and got more to build, invest in
>>>> the MFJ 259 B swr analyzer ....I have never had any problems with
>>>> them.
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>>>> Leon Singh - 9Z4BM
>>>> http://9z4bm.tripod.com/
>>>> http://9z4bm-hamradio.tripod.com/
>>>>
>>>> I am able to do all things through Christ who strengthens me .
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> Refinance Now 3.7% FIXED
> $160,000 Mortgage for $547/mo. FREE. No Obligation. Get 4 Quotes!
> http://thirdpartyoffers.juno.com/TGL3141/4ca78a52b5ea66387cst03vuc
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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--
J. Eric Townsend
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

31368. 897 power levels

Yahoo group: FT897 (2010)
Date: 2010-10-03 01:55:40 UTC
From: scotchmandr
Topic: 31368 Message: 31368

I currently own an 817 and am debating an 897 for those times at home when a bit more power is useful. HOWEVER I love the fact that all my Yaesus have an easy button to toggle through power levels.

If I get an 897 it will move between functions and therefore be changing power levels. 5w indoors, 20w mobile, and 100w occassionally.

I dont see an easy way to do this?

Help?

72/73,
Phillip (N8AYE)
-. ---.. .- -.-- .
SKCC# 7040
FIST# 13390
QRParci# 14214

31369. Re: [FT897] 897 power levels

Yahoo group: FT897 (2010)
Date: 2010-10-03 02:23:39 UTC
From: b j
Topic: 31368 Message: 31369

Once you under the menu it is fairly simple the rig is easy to use. read the manual and if you can have the rig set up so you can read the settings and go through the menu at the same time before you go on the air write down the menu # of what you want to do..
will make it much easery.. DE Barry VE3BLM

[Non-text portions of this message have been removed]

31370. Re: [FT897] 897 power levels

Yahoo group: FT897 (2010)
Date: 2010-10-03 10:59:13 UTC
From: Patrick
Topic: 31368 Message: 31370

HI Philip,
I have a FT897D and as i need to up the power sometimes all i
do is to leave the rig in mem #75 , so to changed power all you have to do
is PRESS the F Function button BRIEFLY to get #75 showing in the display
then u just rotate the selector knob to reduce or increase power / You could
also use the VFO A and B
for say A for indoor and B for mobile settings or what ever you wish
Patrick gw1sxn
----- Original Message -----
From: "scotchmandr" <scotchmandr@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, October 03, 2010 2:55 AM
Subject: [FT897] 897 power levels

>I currently own an 817 and am debating an 897 for those times at home when
>a bit more power is useful. HOWEVER I love the fact that all my Yaesus have
>an easy button to toggle through power levels.
>
> If I get an 897 it will move between functions and therefore be changing
> power levels. 5w indoors, 20w mobile, and 100w occassionally.
>
> I dont see an easy way to do this?
>
> Help?
>
> 72/73,
> Phillip (N8AYE)
> -. ---.. .- -.-- .
> SKCC# 7040
> FIST# 13390
> QRParci# 14214
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> Yahoo! Groups Links
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31371. Wiring Of Shure 444 Mikes For FT897

Yahoo group: FT897 (2010)
Date: 2010-10-03 12:01:55 UTC
From: OHM
Topic: 31371 Message: 31371

Thanks to everyone who replied to my last posting.

Just inform everyone i now have a Shure 444 and wired it up to the FT897. I did not use a transformer that was advised.
I can report it works very well with nice crisp clear audio.
I have changed Menu setting No 48 to HPF.
On 6M,2M,70CM FM Menu 48 could be changed to BOTH this makes it less toppy.
So next time you go to a Rally don't Poo Poo Shure Mikes as hold hat.
They still work just as good or better than other well known mikes.
In some cases a lot cheaper too.

Andy G6OHM

31372. Spare control pin?

Yahoo group: FT897 (2010)
Date: 2010-10-03 12:27:02 UTC
From: Geert Jan de Groot
Topic: 31372 Message: 31372

I need to add functionality the radio currently does not have:
mix the TX audio to the speaker audio, so that when I run with
a lot of headphones in parallel (which will be the case for the
upcoming JOTA), the kids can hear what the other kid is transmitting.

I would like to enable/disable this feature by use of an "unused"
setting so I don't need to open the radio every time.

I notice that the 4094 shift registers have their unused outputs
terminated as solder tabs, but no way to control them it seems.

Anybody have a smart idea on how to "steal" an unused control pin
to enable/disable this? An inside control pin is positively good enough.

Geert Jan

31373. Re: 897 power levels

Yahoo group: FT897 (2010)
Date: 2010-10-03 14:30:49 UTC
From: scotchmandr
Topic: 31368 Message: 31373

OK, plus I read in the manual... You can set one of the quick-menu items (row 17 I beleive). So you could set 17A to F-menu item #75. Then do as you suggest. Thank You

--- In FT897@yahoogroups.com, "Patrick" <patrick.obrien47@...> wrote:
>
> HI Philip,
> I have a FT897D and as i need to up the power sometimes all i
> do is to leave the rig in mem #75 , so to changed power all you have to do
> is PRESS the F Function button BRIEFLY to get #75 showing in the display
> then u just rotate the selector knob to reduce or increase power / You could
> also use the VFO A and B
> for say A for indoor and B for mobile settings or what ever you wish

31374. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-09-26 18:53:46 UTC
From: Bret McDanel
Topic: 31282 Message: 31374

On Sun, 2010-09-26 at 11:01 -0700, Dean Gibson AE7Q wrote:
>
> On 2010-09-26 00:54, Bret McDanel wrote:
> > CWID is not stored in the normal EEPROM that everything else is.
>
> If you are talking about menu item 10, yes it is.

I do not know if it is memory item 10 or not, I do know that the CWID
does not appear in the eeprom when you dump it and others who have
worked on the FT-817 have reported the same thing. The 817 has a very
similar memory layout.

If you know where it is please share that information.

Not much is posted about the 897 or 857, most people that have this data
seem to be keeping it secret for some reason. Why I am publishing a
full memory map when I am finished. I cannot find it anywhere in the
dumps that I have done.

http://www.ka7oei.com/ft817_meow.html
The setting of menu item #31 (The CW ID) doesn't seem to be stored
anywhere in the EEPROM - it was not to be found even in an EEPROM read
via an outboard programmer. It is possible that this is stored in an
available on-CPU EEPROM.

--

Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31375. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 04:54:09 UTC
From: Dean Gibson AE7Q
Topic: 31282 Message: 31375

The only reason I responded to you last week and now, is that you issued (in my opinion) a completely bogus warning about damaging the CPU EPROM (after you chastised someone else for a similar bogus warning). I don't know if you have been annoyed at my replies, but I was sure annoyed by your statement. This is not the first time someone has posted a bogus "alert" about the FT-897D; look at the following FAQ regarding 60-meter operation on Yaesu's site, which was a response to a bogus "alert" posted here (and elsewhere; the poster peppered the Internet with his misunderstanding) several years ago:
http://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=102&encProdID=0372FA803B7BBADBF3076C94ACA7A8C5&DivisionID=65&isArchived=0
-- My understanding is that the original poster's "alert" hurt FT-897D sales for a very short while. This problem is not limited to Yaesu or even amateur radio; however, now with the Internet, it's possible for one person to post what looks like a really knowledgeable statement (as I recall you posted some credentials a couple weeks ago), and it can really hurt a company's sales (and that means higher prices, guys). In amateur radio it's even worse, because so many think they know more than they do. I've been in the software business for 40+ years, the last 25+ in embedded software, and _*EACH_YEAR_* I know a much *SMALLER* percentage of the technical advances out there.

I am providing you with the following information, only to prove my point: The CWID is not stored in ASCII; it is stored using the following translation table, probably to make Morse code lookup during playback easier:

static char const morse[] = "0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZ /!+.";

In other words, my callsign would be stored as (hex) 0A 0E 07 1A. I'm not going to tell you where, do your own work before you make such statements as you did.

The same encoding is used for other information (ie, the three beacon text strings, AND OTHER INFORMATION) in the EEPROM. Valid information (detectable by changing values & dumping) extends through at least location 0x1CEC, with no gaps. Just because you can't find something, doesn't mean it isn't there.

People aren't finding stuff because they are making a *_LOT_* of assumptions while searching for values. You have to dump memory, then change ONE thing in the radio, dump memory again, and then compare the two dumps. The above was easy to decode with the right technique. It's a lot of work, which is why people aren't willing to just hand out the format and then have someone else profit from it. The GPL applies to code and protects it, but there's little or zero protection for reverse

engineering efforts (including someone just examining GPL source code for technical details and then writing new code).

Copyright protects code, but doesn't protect engineering efforts. Patents do, but they are expensive. Years ago, I developed a data compression technique for a company. The technique was implemented in copyrighted code, AND the technique itself was patented (# 5,049,881 -- despite the almost universal Internet commentary that this covers the LZRW algorithm, it was NOT an implementation of LZ techniques !!!). Some scum (masquerading as software engineers) took our product, reverse compiled the code, and inserted it into their own product, which then sold in the PC marketplace as a very popular disk compression product. If that was all these scum had done, they never would have been detected. However, being greedy little bastards (and not knowing that the technique had been patented), they then tried to license the source code to others. Unfortunately, when they reverse compiled the code, they inserted comments to the limit of their pathetic understanding, like "we don't know why this is here, but it works" (and it's not like it was all that complex). During the attempt to license the code to someone else, they allowed the code to be superficially examined, and the prospective buyer was suspicious of the originality of the code. Since the data compression industry was very small, it wasn't hard for the prospective buyer to find out where the code really came from. The ensuing lawsuit over the patent involved a high-speed car chase by a sheriff as a process server, with the target of the chase crashing his car and running off into a field to avoid process service. End result: the company was sued into oblivion (we took all their profits, and they were out of business).

I'm not a big fan of software patents (even though I have two), but in this case it were used to effect some small measure of justice.

I don't have an FT-817, but I'll bet the same encoding is used for CWID, and I'll bet it's right there in the EPROM, using the same encoding. Check it out, and let us know if the statements about the FT-817 are correct or not. You owe that to Yaesu.

-- Dean

ps: KA7OEI says, regarding locations 0-3 of the FT-817:
/
/

/If the contents of these addresses are changed, the '817 may detect a checksum fault and completely wipe EEPROM contents, erasing *all* "soft calibration" parameters, configuration settings, and memories. *You have been warned!*/

The value in 0-3 is not a checksum; it's a constant "signature", and if it is changed, the firmware assumes that the memory has been corrupted. This is a virtually UNIVERSAL convention in the usage of EPROM memory, including firmware ROMs, like on every adapter in the old IBM PCs. The

POST code in IBM PCs would search the adapter space for such signatures
to find valid ROMs, and then transfer control to them if the signature
was valid (a different application of the same concept).

On 2010-09-26 11:53, Bret McDanel wrote:
> On Sun, 2010-09-26 at 11:01 -0700, Dean Gibson AE7Q wrote:
>
>>
>> On 2010-09-26 00:54, Bret McDanel wrote:
>>
>>> CWID is not stored in the normal EEPROM that everything else is.
>>>
>> If you are talking about menu item 10, yes it is.
>>
>
> I do not know if it is memory item 10 or not, I do know that the CWID does not appear in the eeprom when you dump it and others who have worked on the FT-817 have reported the same thing. The 817 has a very similar memory layout.
>
> If you know where it is please share that information.
>
> Not much is posted about the 897 or 857, most people that have this data seem to be keeping it secret for some reason. Why I am publishing a full memory map when I am finished. I cannot find it anywhere in the dumps that I have done.
>
> http://www.ka7oei.com/ft817_meow.html
> The setting of menu item #31 (The CW ID) doesn't seem to be stored anywhere in the EEPROM - it was not to be found even in an EEPROM read via an outboard programmer. It is possible that this is stored in an available on-CPU EEPROM.
>

[Non-text portions of this message have been removed]

31376. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 07:47:34 UTC
From: Bret McDanel
Topic: 31282 Message: 31376

On Sun, 2010-10-03 at 21:54 -0700, Dean Gibson AE7Q wrote:
>
>
> In other words, my callsign would be stored as (hex) 0A 0E 07 1A. I'm
> not going to tell you where, do your own work before you make such
> statements as you did.
>

of course you wont say where.

I am not the only one saying this, the FT-817 memory map also says the same thing. We both think it odd that the CWID is stored outside the EEPROM data that is normally used for this data. It is also odd that Yaesu uses the CWID on at least some models (VX8 I know specifically) to enter a freeband mode. Meaning that you set the CWID to a secret setting, reset the radio and the function is changed.

> People aren't finding stuff because they are making a *_LOT_* of
> assumptions while searching for values. You have to dump memory, then
> change ONE thing in the radio, dump memory again, and then compare
> the
> two dumps.
really? like what I said on this list, like what I said on my blog documenting the memory of the radio? Glad you have said that, I would never have been able to figure that out on my own.

I did that, and am continuing to do that. I also am getting the firmware off the cpu, I am monitoring the i2c bus that the eeprom is connected with looking for other specifics. Because I publish specifics not vague comments and insist that someone else is wrong about something, but specifics.

If you are so sure I am wrong, why not post the memory address that the CWID is stored at. failing to post that kinda means you are not disproving my statement you are just saying mean things about me and doing so way later. Like you have some grudge against me for something.

> The above was easy to decode with the right technique. It's
> a lot of work, which is why people aren't willing to just hand out
> the
> format and then have someone else profit from it.

my blog its free. FT-897/857 memory map. The ft-817 is free as well published for all the world to see.

So you are wrong, people do just hand it out.

> I don't have an FT-817, but I'll bet the same encoding is used for
> CWID,
> and I'll bet it's right there in the EPROM, using the same encoding.
> Check it out, and let us know if the statements about the FT-817 are
> correct or not. You owe that to Yaesu.
>

http://www.ka7oei.com/ft817_memmap.html

there is not enough space on the map for the cwid to be shoved in
anywhere. Its just not there. If you can find it please, provide the
address rather than just saying its a secret and you wont tell anyone.

I somehow magically owe it to Yaesu to prove you right, you somehow do
not owe anything to me when you claim I am being evil (which I am not)
by making information public you refuse to make public.

1. you owe me a public apology
2. if you cant prove me wrong dont say I am wrong
3. when you claim to have secret data and just know something but refuse
to give it out, you should not comment on said data as a source

since we are making lists of what people owe.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31377. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 09:33:42 UTC
From: Dean Gibson AE7Q
Topic: 31282 Message: 31377

On 2010-10-04 00:47, Bret McDanel wrote:
> On Sun, 2010-10-03 at 21:54 -0700, Dean Gibson AE7Q wrote:
>
>> In other words, my callsign would be stored as (hex) 0A 0E 07 1A
>
> of course you wont say where.

Why don't you set the CWID to KC2DWQ (that is your callsign, isn't it?)
and see where 14 0C 02 0D 20 1A shows up ???

I would have thought with the Morse encoding table information I
provided, that you would have tried that before responding.

> So you are wrong, people do just hand it out.
>

Some do (although in this case their information is incomplete).
However, I value my time and expertise and am not willing to give it
away in the case of the FT-897. I do in other cases (eg, I have
provided the memory layout/values of the ID-880H to KK7DS), and have
helpful amateur web pages as well as you do.

> there is not enough space on the map for the cwid to be shoved in anywhere.
>

The web page you refer to only documents up to location 0x1908, so that
leaves plenty of undocumented space in an 8K PROM.

> ... you claim I am being evil (which I am not) by making information public you refuse to
make public.
>

I made no such claim. I suggested that before you warn people about
wearing out their EPROMs, that you have your facts straight. Especially
after you did the same thing to someone else a week earlier.

If you (or anyone else) will send me a complete 8K EPROM hex dump of the
FT-817 with your callsign programmed as the CWID, I'll look in it, and
tell you where it is. I just won't do it for the FT-897D.

-- Dean / AE7Q

[Non-text portions of this message have been removed]

31378. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 10:11:52 UTC
From: Bret McDanel
Topic: 31282 Message: 31378

On Mon, 2010-10-04 at 02:33 -0700, Dean Gibson AE7Q wrote:
>
>
> On 2010-10-04 00:47, Bret McDanel wrote:
> > On Sun, 2010-10-03 at 21:54 -0700, Dean Gibson AE7Q wrote:
> >
> >> In other words, my callsign would be stored as (hex) 0A 0E 07 1A
> >
> > of course you wont say where.
>
> Why don't you set the CWID to KC2DWQ (that is your callsign, isn't
> it?)
> and see where 14 0C 02 0D 20 1A shows up ???
>
> I would have thought with the Morse encoding table information I
> provided, that you would have tried that before responding.
>

maybe I am 12,000 miles from my radio and it is a little hard to reach.
You should not make assumptions about things, it tends to make it seem
like you are just trying to be insulting.

> > ... you claim I am being evil (which I am not) by making information
> public you refuse to make public.
> >
>
> I made no such claim. I suggested that before you warn people about
> wearing out their EPROMs, that you have your facts straight.

you said I should apologize to Yaesu for damaging their sales. I think
that is classified as being evil.

The fact is that you are just being a bit silly about this whole thing.
You claim to value your time but you are spending far more making
allegations against my character publicly, insulting my intelligence and
related things. I am through with this conversation unless you are
going to give out the memory address I am going to have to stand by my
comments and the comments of others who have reached the same conclusion
and published their work. Anyone can make claims and base those claims
on secret unpublished works, in my case I am making my work known.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31379. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 12:03:37 UTC
From: Charles Scott
Topic: 31282 Message: 31379

Dean:

It might not be coded that way. This could be why nobody is finding the callsign.

Chuck

On 10/4/2010 5:33 AM, Dean Gibson AE7Q wrote:
>
> Why don't you set the CWID to KC2DWQ (that is your callsign, isn't it?)
> and see where 14 0C 02 0D 20 1A shows up ???
>
> I would have thought with the Morse encoding table information I
> provided, that you would have tried that before responding.
>

31380. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:16:07 UTC
From: mchenryproj
Topic: 31275 Message: 31380

Hey folks, what about this setup? This appears to be very similar in setup to the W4RT system down to the rapid smart charger. 13.2vdc, 4500mAh NiMH battery pack WITH the charger for about $70 per. That's 2 packs and 2 chargers for $140 total.

You might have to reconfigure the batteries but a good fast hot solder job and your there.

http://www.batteryspace.com/nimhbatterypack132v4500mahsmartfastcharger18aforbikelightstrailtechplug.aspx

Comments?

Also, I think I mentioned this in a few places but not sure about here yet, Bescor now sells a 14v GelCell in a nice nylon pack with fused leads. I have been using their 12v batts for my film and video stuff for years. If anyone tries one before I do let me know what you think. When the 12v pack goes I'll be moving up to a 14v version.

Sean
KB8JNE

31381. Re: [FT897] Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:22:40 UTC
From: robert donchez
Topic: 31275 Message: 31381

if i remember the original packs have one more cell- something like
14.4 volts
the 13.2 volt cell drops and you loose output quickly

i am certain that someone can verify this
bob donchez
wb3hyb
On Oct 4, 2010, at 2:16 PM, mchenryproj wrote:

>
>
> Hey folks, what about this setup? This appears to be very similar
> in setup to the W4RT system down to the rapid smart charger.
> 13.2vdc, 4500mAh NiMH battery pack WITH the charger for about $70
> per. That's 2 packs and 2 chargers for $140 total.
>
> You might have to reconfigure the batteries but a good fast hot
> solder job and your there.
>
> http://www.batteryspace.com/
> nimhbatterypack132v4500mahsmartfastcharger18aforbikelightstrailtechplu
> g.aspx
>
> Comments?
>
> Also, I think I mentioned this in a few places but not sure about
> here yet, Bescor now sells a 14v GelCell in a nice nylon pack with
> fused leads. I have been using their 12v batts for my film and
> video stuff for years. If anyone tries one before I do let me know
> what you think. When the 12v pack goes I'll be moving up to a 14v
> version.
>
> Sean
> KB8JNE
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31382. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:24:20 UTC
From: John Faughn
Topic: 31275 Message: 31382

Since the batteries do not fit into the radio , there is not much appeal to me , and the lower voltage 13.2 vs 13.8 , it would seem that a little less performance .
I bought the radio for many reasons , one that having batteries in the same container was what I was looking for .
John
kd0cac

[Non-text portions of this message have been removed]

31383. Re: transverter options

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:29:17 UTC
From: mchenryproj
Topic: 31358 Message: 31383

I second the DEM comment. There used to be others in the field of Transverters but I can;t find many listed now. Most transverters you might be interested in are naturally for the ranges we are not able to hit with the 897d, like 220MHz or the upper VHF and SHF ranges like 1.2Ghz, 2.4Ghz, 3.7Ghz, 5.6GHz, 10GHz and 24Ghz. DEM is not cheap but I have always heard they were good and they have decent power output from their kits to get you actually started on the air. I still have a 1296 transverter made with their 1196 LO board in my garage. Not much happening above 440 here and most of that is FM.

Good luck and happy hunting. I believe there is an article here on the list about stuffing a 220MHz transverter in the battery compartment of the 897d.

Sean
KB8JNE

31384. Re: transverter options

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:58:44 UTC
From: fred
Topic: 31358 Message: 31384

How 'bout Down East Microwave for 220 mHz conversion?
k6kub

--- In FT897@yahoogroups.com, Bret McDanel <trixter@...> wrote:
>
> I am looking for transverter options. A google products search returned
> little of value. Basically I want to weigh my options of what is
> available, any band that the ft-897 does not support is welcome. A
> vendor name is appreciated, a model number, possibly link to a place
> that sells them and input/output requirements are even more helpful.
>
> So what is out there and who makes it?
>
> Thanks
>
> --
> Trixter aka Bret McDanel
> website: http://www.0xdecafbad.com
> pgp key: http://bit.ly/9XYK4b
>

31385. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-10-04 19:01:02 UTC
From: mchenryproj
Topic: 31275 Message: 31385

The Yaesu and W4RT packs are 13.2v. See this link:
http://www.ft897.com/Batteries

Don;t be fooled by the W4RT comment about their initial charging voltage of 15+ vdc. All the packs will show a no-load initial charge of higher than their load rating of 13.2vdc. 11 cells at 1.2vdc is 13.2vdc.

Also, since the initial voltage rush with a full freshly charged pack is 15+ vdc, I suppose then the system could survive 14vdc Gel Cell or 14.8 from the larger packs then, I think.

Point on the sizes being that the cells are the same size in the RC pack I mentioned they just need to be reconfigured instead of that funky triangular package they are in. That package fits into a water bottle and is used as a substitute battery pack for bicycle night lighting, hence the triangular shape. Rework that pack for the cells to fit and I think you have the same pack as the W4RT is what I was going for. I probably didn't explain that part well.

Sean
KB8JNE

31386. Re: [FT897] Re: transverter options

Yahoo group: FT897 (2010)
Date: 2010-10-04 19:20:55 UTC
From: Bret McDanel
Topic: 31358 Message: 31386

On Mon, 2010-10-04 at 18:29 +0000, mchenryproj wrote:
>
> Good luck and happy hunting. I believe there is an article here on the
> list about stuffing a 220MHz transverter in the battery compartment of
> the 897d.

where would I stuff my batteries then? :)

It would have to be external, and odds are I wont be using it when
portable so that shouldnt be much of an issue.

Thanks for the suggestions, I will look into them.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31387. Re: Tell me about batteries...?

Yahoo group: FT897 (2010)
Date: 2010-10-04 21:10:45 UTC
From: faygopaygo
Topic: 31275 Message: 31387

Sean,

Having looked at the site I would steer clear of these batteries. From what I see the pack is limited to a 5 amp max draw and only 2.2 amps continuous. This is fine for a bike lamp or maybe the FT-817 but for the 897/857 I would be hesitant to run more than 5 watts out. There are very few free lunches in the battery world. The packs by Yaesu and W4RT may seem expensive but the batteries they use are designed for heavy current draw(read expensive). Get the W4RT pack if you want a Yaesu equivalent at a better price. You can also save by buying a RC charger and doing the needed connector swapping. As I have stated in other posts if you're going to spend 3 to 4 hundred bucks, I'd go with RC power rated LiPoly or A123 batteries. (check out the Buddie Pole site for great info and product on A123 packs) You'll spend nothing to maybe up to 100 bucks more but you'll get full power operation and lighter weight. Lipoly life span may not be quite as good as the NiMH though. You may have to do some hand fitting to make them fit in the battery well of the 897 or just use them externally. They're small and light enough to not make much difference if they're in or out! There have been many posts on this subject before. Do some searches and you'll find much info and how to's in the file section.

Randy
KG6WCA

Check out RC power packs. You want your pack to handle at least 5-10 amps CONTINUOUS for power up to 20 watts and 22 amps continuous for full power ops. RC motor packs can do this with both hands tied behind their back and blindfolded. They'll pull 30-100 amps continuous.

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
>
>
> Hey folks, what about this setup? This appears to be very similar in setup to the W4RT system down to the rapid smart charger. 13.2vdc, 4500mAh NiMH battery pack WITH the charger for about $70 per. That's 2 packs and 2 chargers for $140 total.
>
> You might have to reconfigure the batteries but a good fast hot solder job and your there.
>
> http://www.batteryspace.com/nimhbatterypack132v4500mahsmartfastcharger18aforbikelightstrailtechplug.aspx
>
> Comments?
>
> Also, I think I mentioned this in a few places but not sure about here yet, Bescor now sells a 14v GelCell in a nice nylon pack with fused leads. I have been using their 12v batts for my film and video stuff for years. If anyone tries one before I do let me know what you think. When the 12v pack goes I'll be moving up to a 14v version.

>
> Sean
> KB8JNE
>

31388. Re: [FT897] potential wearing of PROM with CWID

Yahoo group: FT897 (2010)
Date: 2010-10-04 23:58:08 UTC
From: Dean Gibson AE7Q
Topic: 31282 Message: 31388

On 2010-10-04 05:03, Charles Scott wrote:
> Dean:
>
> It might not be coded that way. This could be why nobody is finding the callsign.
>
> Chuck
>

Well, that's how it's coded on the FT-897D, which was KC2DWQ's question. It certainly could be different on the FT-817, which is why I made my offer to look, if someone will send me a dump of the entire 8K EPROM (or, if you are local to Seattle, bring your FT-817 over to my house for ten minutes). I will publicly disclose the results for the FT-817.

The memory maps of both KA7OEI (for the FT-817) and KC2DWQ (for the FT-897) stop at the end of the channel memories. There's several menu items stored beyond that on the FT-897D (I can only guess for the FT-817).

It's not like I haven't tried to find out for the FT-817. Today I considered uploading a crippled copy of software I wrote five years ago to dump the contents of Yaesu radios. Then I remembered what happened five years ago when I requested (*on this forum*) beta testers to run it on their FT-817 radios, and report back the results. I had two volunteers (I still have their names) who claimed they had FT-817 radios, and I communicated with them off-line to make sure they would actually run the simple program and report back the results, Both agreed that they would, and I sent them the software.

Despite repeated reminder eMails, not only did they never report back the results, but they never even responded to my reminders. The sad part is, I had planned to release memory control for the FT-897 and FT-817 software (including source) under the GPL.

So, if some of you out there think I'm a bit of an *!@#$%* [insert your own favorite word], you may be right. I just want you to know where I'm coming from.

Sincerely, Dean / AE7Q

[Non-text portions of this message have been removed]

31389. RE: [FT897] Spare control pin?

Yahoo group: FT897 (2010)
Date: 2010-10-05 06:15:26 UTC
From: Eric van de Weyer
Topic: 31372 Message: 31389

Hi Geert Jan,

Why don't you just make up a simple external box which does the mixing for you? Just take a feed from the microphone and that from the speaker or headphone output, appropriate amplification and then feed them into an amplifier which then feeds the multiple headphones.

Running multiple headphones directly off the radio may be too much load for its amplifier anyhow so using an external amp would be a good idea.

You could even do it by using a separate microphone in front of the operator which picks up the local sound and mixes it in with the headphone output from the radio thus not requiring any connection to the radio's microphone.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Geert Jan de Groot
Sent: Sunday, 3 October 2010 23:27
To: FT897@yahoogroups.com
Subject: [FT897] Spare control pin?

I need to add functionality the radio currently does not have:
mix the TX audio to the speaker audio, so that when I run with
a lot of headphones in parallel (which will be the case for the
upcoming JOTA), the kids can hear what the other kid is transmitting.

I would like to enable/disable this feature by use of an "unused"
setting so I don't need to open the radio every time.

I notice that the 4094 shift registers have their unused outputs
terminated as solder tabs, but no way to control them it seems.

Anybody have a smart idea on how to "steal" an unused control pin
to enable/disable this? An inside control pin is positively good enough.

Geert Jan

Yahoo! Groups Links

31390. Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-10-05 17:56:45 UTC
From: pe1dcd
Topic: 31010 Message: 31390

Hi all,

Yes it happend to me: I have a loose tuning knob (the big one).
The axe behind the knob is broken.
My questions:
-1 Is it easy to repair ?,
-2 What is the partnumber ?,
-3 Who sells them ?.
Thanks in advance....

Peter , PE1DCD

31391. Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-10-05 18:09:09 UTC
From: ke4grp@aol.com
Topic: 31010 Message: 31391

Peter, I just had that happen the other day. Put your thumbs on the center of the dial, pull the rubber grip off with your fingers. You will see a hole on the side of the knob and you will need a 3.5 mm hex wrench. Unscrew the nut and pull it off.

I just grabbed the spring type thing and twisted it to the right and it tighten it right up.

Hope that works.
Chuck K4GRP

[Non-text portions of this message have been removed]

31392. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-10-05 18:20:37 UTC
From: Michael Hughey
Topic: 31010 Message: 31392

Mine broke too! I repaired the plastic piece with the threads with duper glue., but it didn't last very long. Download the FT-897 tech manual (or maintenance manual). Google it or go to Yaesu.com. You have to order the whole tuning knob assembly. They won't just let you order the actual broken part by itself. I don't have the part number handy because I'm not any where near the computer that has that PDF file. When you get it, look on the exploded parts view page and you'll see the knob assembly with it's part number.

Mike-KF4DUS

Sent from my iPod

On Oct 5, 2010, at 11:56, "pe1dcd" <peter.pe1dcd@...> wrote:

> Hi all,
>
> Yes it happend to me: I have a loose tuning knob (the big one).
> The axe behind the knob is broken.
> My questions:
> -1 Is it easy to repair ?,
> -2 What is the partnumber ?,
> -3 Who sells them ?.
> Thanks in advance....
>
> Peter , PE1DCD
>
>

[Non-text portions of this message have been removed]

31393. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-10-05 18:26:21 UTC
From: ke4grp@aol.com
Topic: 31010 Message: 31393

Sorry, I did not see the "broken part" reference.

Chuck

[Non-text portions of this message have been removed]

31394. Box for FT897?

Yahoo group: FT897 (2010)
Date: 2010-10-06 13:17:57 UTC
From: Ken Bandy
Topic: 31394 Message: 31394

I need to ship my FT897D back to Yaesu for service (high noise floor on 40 and below). Unfortunately, even though I have two FT897s (one "D", one non-"D"), I don't think either of their boxes have survived a couple of moves. I want to use a real 897 box to ship it in, so it has the proper packing. Does anyone have a spare box they would be willing to part with, or do I need to contact Yaesu?

Thanks,
Ken
KJ9B

31395. Re: [FT897] Box for FT897?

Yahoo group: FT897 (2010)
Date: 2010-10-06 15:30:23 UTC
From: JAMES KING
Topic: 31394 Message: 31395

On Wed, 06 Oct 2010 09:17:57 -0400, Ken Bandy <kj9b@...> wrote:

> I need to ship my FT897D back to Yaesu for service (high noise floor on 40 and below). Unfortunately, even though I have two FT897s (one "D", one non-"D"), I don't think either of their boxes have survived a couple of moves. I want to use a real 897 box to ship it in, so it has the proper packing. Does anyone have a spare box they would be willing to part with, or do I need to contact Yaesu?

Ask Yaesu to send you appropriate shipping material. There maybe a fee of course.

> Thanks,
> Ken
> KJ9B

--

KC8UGV

73's

Support our VETS - Then and Now

[Non-text portions of this message have been removed]

31396. Re: [FT897] Loose tuning knob

Yahoo group: FT897 (2010)
Date: 2010-10-07 00:24:14 UTC
From: Michael Hughey
Topic: 31010 Message: 31396

RAO415100 Main Knob Assembly

Mike-KF4DUS

From: "ke4grp@..." <ke4grp@...>
To: FT897@yahoogroups.com
Sent: Tue, October 5, 2010 12:26:21 PM
Subject: Re: [FT897] Loose tuning knob

Sorry, I did not see the "broken part" reference.

Chuck

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31397. What's the latest word on Bluetooth for the ft-897d

Yahoo group: FT897 (2010)
Date: 2010-10-07 07:54:13 UTC
From: perryc
Topic: 31397 Message: 31397

What is the latest news on using a Bluetooth headset with the ft-897d.
Has anyone worked out an easy set up.
Perry ke6anm

31398. Re: [FT897] What's the latest word on Bluetooth for the ft-897d

Yahoo group: FT897 (2010)
Date: 2010-10-07 08:04:30 UTC
From: Bret McDanel
Topic: 31397 Message: 31398

On Thu, 2010-10-07 at 07:54 +0000, perryc wrote:
>
> What is the latest news on using a Bluetooth headset with the ft-897d.
> Has anyone worked out an easy set up.
> Perry ke6anm

I have read about a couple people doing this.
http://mysite.verizon.net/cpthaines/id28.html for example.

afaik (I would be very interested in hearing if this has been remedied)
no one has a PTT solution that uses the bluetooth button (like the vx8
has). I will be looking to put a 857 on my motorcycle and the interface
is the same as the 897 so that works out well, for me at least.

The reason you would want the button on the BT device to toggle Tx is
for battery consumption, you really want the BT device to not transmit
anything unless and until there is a need for it.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31399. Re: [FT897] What's the latest word on Bluetooth for the ft-897d

Yahoo group: FT897 (2010)
Date: 2010-10-07 14:26:09 UTC
From: Rob Stampfli
Topic: 31397 Message: 31399

On Thu, Oct 07, 2010 at 07:54:13AM -0000, perryc wrote:
> What is the latest news on using a Bluetooth headset with the ft-897d.
> Has anyone worked out an easy set up.

http://cboh.org/whitepapers/Bluetooth_Ham_Headset/

31400. Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-07 16:02:09 UTC
From: pascalpete
Topic: 31400 Message: 31400

I have an FT-897D with the LG AT-897Plus tuner and am using a G5RV-jr antenna. While I know this antenna isn't "rated" for running on 80-meters, I recently re-aligned the antenna and just for kicks tried tuning up on 80 meters to see if it could tune up (it never could before while I had my antenna in an "inverted V").

Low and behold, it actually tuned up...BUT...I get "three blinks" out of the auto-tuner. Three blinks means that my SWR is 3 to 1 or higher.

My interest on 80 meters is actually a traffic net on CW. I tried a voice call (understanding that my match is not great) and every so often while speaking I see the "HISWR" indicator start to appear but ever so faintly (it starts to display and then disappears...like I am JUST on the verge of what it considers unacceptable). Most of the time it is not visible...just every once in a while there is this "hint" that it is starting to come on. It is a very quick flash that never reaches full intensity on the LCD display.

I then slid the dial down to the CW range and played with sending a few dits and dahs (with the required call sign of course) and I noticed that I SOMETIMES see the "HISWR" just barely start to fade in...then out again if I send a long string of dashes (never on the dots). Again, this is a very quick "flash" of the indicator that never reaches even full intensity on the LCD (it is very fast...I can barely make out that it is starting to display). It appears rarely on CW.

Of course, the correct solution here is to put up an antenna that is rated for 80 meters...but I might not get to it before the snows hit here in Michigan. So my question is...just how good is this Hi SWR protection circuitry?

1) If I try to do only CW on this antenna...where I rarely (but some times) catch just a hint of the HISWR indicator, am I risking damage to my radio?

2) If I reduce power (I am running on 80 watts right now...could probably get by with less on CW) will I reduce my exposure to disaster?

3) Am I just being stupid with an $800 radio and should never ever operate anywhere near a 3-to-1 SWR? Just find a way to put up another antenna?

If there is pretty much no risk I may just go ahead on CW only for a while. If there is any risk I'll probably wait until I can get the full sized G5RV installed.

This weekend I am proud to celebrate a full year as a licensed HAM radio operator and greatly appreciate the experience and advice or more seasoned operators.

Thanks in advance for any information you can share.

Peter S. Lee
K8ACS

31401. Re: Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-07 17:36:34 UTC
From: Steve Yates
Topic: 31400 Message: 31401

Peter,

The SWR protection circuit is good but not perfect. It takes several cycles of RF at full power before the circuitry can tell that the SWR is high and reduces the output to a safe level. Although a 3:1 probably never hurt anything, I would say you are taking a risk. The "High SWR" indicator is kind of like the blinking OIL light in you car. ;-) You probably have a little while before your engine burns up.

73,
Steve - AA5TB

31402. Re: [FT897] Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-07 22:18:44 UTC
From: Rob Stampfli
Topic: 31400 Message: 31402

On Thu, Oct 07, 2010 at 04:02:09PM -0000, pascalpete wrote:
> I have an FT-897D with the LG AT-897Plus tuner and am using a G5RV-jr antenna. While I know this antenna isn't "rated" for running on 80-meters, I recently re-aligned the antenna and just for kicks tried tuning up on 80 meters to see if it could tune up (it never could before while I had my antenna in an "inverted V").
>
> Low and behold, it actually tuned up...BUT...I get "three blinks" out of the auto-tuner. Three blinks means that my SWR is 3 to 1 or higher.
>
> My interest on 80 meters is actually a traffic net on CW. I tried a voice call (understanding that my match is not great) and every so often while speaking I see the "HISWR" indicator start to appear but ever so faintly (it starts to display and then disappears...like I am JUST on the verge of what it considers unacceptable). Most of the time it is not visible...just every once in a while there is this "hint" that it is starting to come on. It is a very quick flash that never reaches full intensity on the LCD display.

Peter,
I operate on 160m a lot, and I cannot count the number of times we encounter someone with an extremely weak signal breaking in to get a signal report. When pressed, they very often say they are using a G5RV which, on a lark, they found they could tune up on 160, and thus they "discovered" they had the ability to operate there. But, for practical purposes, they don't. A standard G5RV is terribly inefficient on 160m. Probably 95% of the power is being lost in the tuner or in the coax. Your G5RV-JR is undoubtedly behaving much the same way on 80m.

If you want to get on 80m with your antenna, here's what I'd suggest: Short both legs of your G5RV-JR together and feed it against ground. Unless you happen to have been extremely unlucky with the length of your feed line, I think (1) you'll notice the tuner is able to do a much better job of tuning the antenna in this configuration, and (2) people will actually hear and come back to you with a decent signal report.

As far as whether a HI SWR indication is bad for your rig, well, the rig is supposed to fold back to protect itself. However, it's seeing a lot of power being fed back, and thus the finals are being stressed. I've inadvertantly keyed my 897 into short and open circuits, and it survived. And, any time the tuner is tuning, the rig can momentarily be seeing some pretty hefty SWRs, at least initially. (I've seen the HI SWR indication flash while tuning.) I suspect the rig should handle it in stride, but I wouldn't want to press my luck with a prolonged

operation into a HI SWR load. But, YMMV.

Good luck, but before I went forward in your current configuration,
I'd try feeding your G5RV-JR as a top-loaded longwire against ground.

Good luck,
Rob / KD8WK

31403. Re: Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-08 09:29:12 UTC
From: colin.bell99
Topic: 31400 Message: 31403

Peter,

Personally I think you are taking a big risk. I was in a similar position to you and just wasn't going to take a chance.

In theory when the indicator is on you should be reduced to 20 watts but who knows when that will be in the indicator cycle.

Take a look at the G7FEK website about what you can do with a G5RV/2. I can thoroughly recommend it. I didn't actually destroy my aerial to build one. I used wire I had to hand. It took about 4 hours to get it up and tuned once I had worked out where the supports would be.

Performance is excellent. My AT897 can match all bands 80-10. It is now my main HF antenna. Can't wait for the winter. I am hoping for some 80m DX. I had no trouble with QSOs from 29 miles outwards this spring/summer on 80.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> I have an FT-897D with the LG AT-897Plus tuner and am using a G5RV-jr antenna. While I know this antenna isn't "rated" for running on 80-meters, I recently re-aligned the antenna and just for kicks tried tuning up on 80 meters to see if it could tune up (it never could before while I had my antenna in an "inverted V").
>
> Low and behold, it actually tuned up...BUT...I get "three blinks" out of the auto-tuner. Three blinks means that my SWR is 3 to 1 or higher.
>
> My interest on 80 meters is actually a traffic net on CW. I tried a voice call (understanding that my match is not great) and every so often while speaking I see the "HISWR" indicator start to appear but ever so faintly (it starts to display and then disappears...like I am JUST on the verge of what it considers unacceptable). Most of the time it is not visible...just every once in a while there is this "hint" that it is starting to come on. It is a very quick flash that never reaches full intensity on the LCD display.
>
> I then slid the dial down to the CW range and played with sending a few dits and dahs (with the required call sign of course) and I noticed that I SOMETIMES see the "HISWR" just barely start to fade in...then out again if I send a long string of dashes (never on the dots). Again, this is a very quick "flash" of the indicator that never reaches even full intensity on the LCD (it is very fast...I can barely make out that it is starting to display). It appears rarely on CW.
>
> Of course, the correct solution here is to put up an antenna that is rated for 80

meters...but I might not get to it before the snows hit here in Michigan. So my question is...just how good is this Hi SWR protection circuitry?
>
> 1) If I try to do only CW on this antenna...where I rarely (but some times) catch just a hint of the HISWR indicator, am I risking damage to my radio?
>
> 2) If I reduce power (I am running on 80 watts right now...could probably get by with less on CW) will I reduce my exposure to disaster?
>
> 3) Am I just being stupid with an $800 radio and should never ever operate anywhere near a 3-to-1 SWR? Just find a way to put up another antenna?
>
> If there is pretty much no risk I may just go ahead on CW only for a while. If there is any risk I'll probably wait until I can get the full sized G5RV installed.
>
> This weekend I am proud to celebrate a full year as a licensed HAM radio operator and greatly appreciate the experience and advice or more seasoned operators.
>
> Thanks in advance for any information you can share.
>
> Peter S. Lee
> K8ACS
>

31404. Re: Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-08 15:49:51 UTC
From: pascalpete
Topic: 31400 Message: 31404

Steve,

Thanks for the info. Using your OIL light analogy, it is clear that I don't want to risk this.

You see, I worked in the auto industry for over 15 years as a software developer on vehicle diagnostic systems. From that work I have, for myself, realized that the only reason "OIL" is on that warning lamp is because "ENGINE REPLACEMENT REQUIRED" is too many letters to fit in the same space and still be readable.

Applying that same logic to this situation, I have no desire to play Russian Roulette with my radio.

I'll work on getting a taller mast.

Thanks again.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Peter,
>
> The SWR protection circuit is good but not perfect. It takes several cycles of RF at full power before the circuitry can tell that the SWR is high and reduces the output to a safe level. Although a 3:1 probably never hurt anything, I would say you are taking a risk. The "High SWR" indicator is kind of like the blinking OIL light in you car. ;-) You probably have a little while before your engine burns up.
>
> 73,
> Steve - AA5TB
>

31405. Re: Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-08 15:53:34 UTC
From: pascalpete
Topic: 31400 Message: 31405

Rob,

Thanks for your input. I am taking from the responses that I would be taking a pointless risk, even if it is a small one. Since I already own a full-sized G5RV (just have some installation issues to contend with), I will not try working 80 meters until I find a way to get it installed.

Again, I appreciate your feedback.

73

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> Peter,
> I operate on 160m a lot, and I cannot count the number of times we
> encounter someone with an extremely weak signal breaking in to get
> a signal report. When pressed, they very often say they are using
> a G5RV which, on a lark, they found they could tune up on 160, and
> thus they "discovered" they had the ability to operate there. But,
> for practical purposes, they don't. A standard G5RV is terribly
> inefficient on 160m. Probably 95% of the power is being lost in
> the tuner or in the coax. Your G5RV-JR is undoubtedly behaving
> much the same way on 80m.
>
> If you want to get on 80m with your antenna, here's what I'd suggest:
> Short both legs of your G5RV-JR together and feed it against ground.
> Unless you happen to have been extremely unlucky with the length of
> your feed line, I think (1) you'll notice the tuner is able to do a
> much better job of tuning the antenna in this configuration, and (2)
> people will actually hear and come back to you with a decent signal
> report.
>
> As far as whether a HI SWR indication is bad for your rig, well, the
> rig is supposed to fold back to protect itself. However, it's seeing
> a lot of power being fed back, and thus the finals are being stressed.
> I've inadvertantly keyed my 897 into short and open circuits, and it
> survived. And, any time the tuner is tuning, the rig can momentarily
> be seeing some pretty hefty SWRs, at least initially. (I've seen the
> HI SWR indication flash while tuning.) I suspect the rig should handle
> it in stride, but I wouldn't want to press my luck with a prolonged
> operation into a HI SWR load. But, YMMV.
>

> Good luck, but before I went forward in your current configuration,
> I'd try feeding your G5RV-JR as a top-loaded longwire against ground.
>
> Good luck,
> Rob / KD8WK
>

31406. Re: Occassional "winking" of "HISWR" indicator on 80 - meters...Danger???

Yahoo group: FT897 (2010)
Date: 2010-10-08 15:56:01 UTC
From: pascalpete
Topic: 31400 Message: 31406

Colin,

Thank you so much for the info, especially about the G7FEK website antenna. I took a look at it and I find it very interesting. I probably won't go to that since I already own a full sized G5RV sitting in a box in my office. I don't have that antenna up because of a problem getting it installed due to its larger size. If I cannot solve that problem, I fully intend on taking a closer look at this other antenna.

Thanks for your help.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "colin.bell99" <colin.bell99@...> wrote:
>
> Peter,
>
> Personally I think you are taking a big risk. I was in a similar position to you and just wasn't going to take a chance.
>
> In theory when the indicator is on you should be reduced to 20 watts but who knows when that will be in the indicator cycle.
>
> Take a look at the G7FEK website about what you can do with a G5RV/2. I can thoroughly recommend it. I didn't actually destroy my aerial to build one. I used wire I had to hand. It took about 4 hours to get it up and tuned once I had worked out where the supports would be.
>
> Performance is excellent. My AT897 can match all bands 80-10. It is now my main HF antenna. Can't wait for the winter. I am hoping for some 80m DX. I had no trouble with QSOs from 29 miles outwards this spring/summer on 80.
>
> 73 de Colin 2E0BPP
>

31407. Re: Spare control pin?

Yahoo group: FT897 (2010)
Date: 2010-10-09 09:09:43 UTC
From: Geert Jan de Groot
Topic: 31372 Message: 31407

On 8 Oct 2010 15:56:24 -0000 FT897@yahoogroups.com wrote:
> Why don't you just make up a simple external box which does the mixing for
> you? Just take a feed from the microphone and that from the speaker or
> headphone output, appropriate amplification and then feed them into an
> amplifier which then feeds the multiple headphones.

Hi Eric,

Thanks for your suggestion. However, an external box would add clutter and
would duplicate functionality already available (the built-in audio PA
can handle half a dozen headphones easily).

Thing is, there already is a nice mic amplifier and a nice audio PA,
just need to connect them together.
Also, I really want the audio passthrough only to work on TX - there
will be 4 stations in the room running concurrently (we'll have 6 stations
next week) and I don't want to add local noise to a possibly noisy
connection with unexperienced ears.

What I'll probably do is mod the main board and make the feature
selectable by internal jumper, like I've done ith other radios
This means opening up the top lid, but that's that I do on my
other radios. Just hoped I could avoid this, oh well.

73,

Geert Jan

31408. Re: Spare control pin?

Yahoo group: FT897 (2010)
Date: 2010-10-09 10:08:51 UTC
From: g8hul
Topic: 31372 Message: 31408

Eric,

Even if you manage to achieve your goal I think that you will find that it will be more trouble than it is worth!

On radios where the facility is available, such as the IC7000, it is a freature that is always turned off because as soon as you stop using headphones it inevitably causes feedback on transmit, so you are forever adjusting the volume control betweenm transmit and receive to stop the howling!!!

Jeff

31409. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-10-10 13:13:40 UTC
From: kim.liao
Topic: 31232 Message: 31409

Jim: Thanks for sharing, the other hams have adviced me to get a ground radial for improving the performance in case I use for base mount, which i intend to do for the bands this antenna supports. I am not a experienced HAM for HF and only ground radial I could find is the one that can be connected to the base of the antenna and the mount for lightening protection and gain improvement purpose(a three elements ground radial), does this help to get the performance better for the UHV-5 if I mount it on my apartment roof rather than on the car?
Thanks and 73s
BM2JAM/ Kim
Taiwan

--- In FT897@yahoogroups.com, "JAMES AMBURN" <james.amburn@...> wrote:
>
>
> Kim, I have the UHV-5 on my truck right now for 2 & 440 use. Originally used it for 6 meters and HF. The best 6 meter contact was mobile Colorado Springs to Hawaii. I never was able to get results with the HF coils installed. I removed the HF coils and use it for 2 & 440 only. I have a screwdriver ant. now for HF. As far as 6,2,& 440 use it has always been a great ant. My HF problems may have been where I have the ant. located. The ant. does need a perfect ground to work well. Hope this helps.
>
> Jim N0TUI
>
> ----- Original Message -----
> From: kim.liao<mailto:kim.liao@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Friday, September 24, 2010 11:03 PM
> Subject: [FT897] Re: FT-897 and Comet UHV-5
>
>
>
> Thanks for advice, Randy. For FM on 6M, does it follow the line-of-sight like 2M or it has better skip or propagation close to HF? I checked with some local HAMs and their feedback it is good for short to middle range within the same town under FM mode.
> Thanks and 73s
> KIM/BM2JAM
>
> --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "Radio_Randy" <rjones@> wrote:
> >
> > Kim,
> >
> > The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.

> >
> > Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
> >
> > Randy - N7CKJ
> >
> > --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "kim.liao" <kim.liao@> wrote:
> > >
> > > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > > 1. Are they OK without using tuner?
> > > 2. SSB are OK with these antenna?
> > > 3. How they work together? ratings
> > > 4. How is performance on 6M?
> > >
> > > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > > Appreciate your input and 73s
> > >
> > > BM2JAM/ Kim from Taipei, Taiwan
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31410. Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-10 17:59:57 UTC
From: Sean
Topic: 31410 Message: 31410

Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?
W7TRD
Sean

31411. Re: [FT897] Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-10 18:06:46 UTC
From: Florentin Nastase
Topic: 31410 Message: 31411

For me it's much better sound !!, great mike.

Florentin YO9BXC

--- On Sun, 10/10/10, Sean <kamaaina1@...> wrote:

From: Sean <kamaaina1@comcast.net>
Subject: [FT897] Upgrading MH-31 to Yaesu MD-100A8X
To: FT897@yahoogroups.com
Date: Sunday, October 10, 2010, 10:59 AM

Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?

W7TRD

Sean

[Non-text portions of this message have been removed]

31412. Re: [FT897] Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-10 18:09:38 UTC
From: Rob Stampfli
Topic: 31410 Message: 31412

On Sun, Oct 10, 2010 at 05:59:57PM -0000, Sean wrote:
> Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?

This will not answer your question, Sean, but a bit of ancillary data:

I use the hand mike, a Labtec LVA-8420 boom headset, and a Blueparrott B250XT bluetooth headset with my 897, and the hand mike consistently comes in third when I ask people to judge them. That's not to say it's bad, but people I talk to prefer the other two to it. (The LBA-8420 comes in first.)

YMMV,
Rob / KD8WK

31413. Invitation to connect on LinkedIn

Yahoo group: FT897 (2010)
Date: 2010-10-11 01:01:14 UTC
From: Jeffery Daniels
Topic: 31413 Message: 31413

LinkedIn

I'd like to add you to my professional network on LinkedIn.

- Jeffery

Jeffery Daniels
Athletics Plant Supervisor at City of Wichita Kansas
Wichita, Kansas Area

Confirm that you know Jeffery Daniels
https://www.linkedin.com/e/-s54qfl-gf4n0e6p-y/isd/1764570617/GyeihuIg/

--
(c) 2010, LinkedIn Corporation

[Non-text portions of this message have been removed]

31414. Re: [FT897] Invitation to connect on LinkedIn

Yahoo group: FT897 (2010)
Date: 2010-10-11 01:31:59 UTC
From: Joe
Topic: 31413 Message: 31414

More spam crap. Delete it!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Jeffery Daniels" <Buckskinner38@...>
Subject: [FT897] Invitation to connect on LinkedIn

31415. OT: LinkedIn

Yahoo group: FT897 (2010)
Date: 2010-10-11 02:28:11 UTC
From: Dean Gibson AE7Q
Topic: 31413 Message: 31415

LinkedIn was started as a business/professional networking site (notice that I have omitted the words "social networking"), for professionals to use EXISTING business/professional relationships to contact "friends of friends" (so to speak) to establish business/professional contacts.

Unfortunately, quite a few LinkedIn members view it as a social networking site (which it is not), and there is even a term for such people: "LinkedIn Open Networker" ("LION" -- check Google). Many of these persons try to get as many people as possible in their network, WHETHER THEY KNOW THEM PERSONALLY OR NOT. Some even view it as a contest.

LinkedIn tries to prevent this with certain validation procedures, but it is a losing battle. When it occurs within LinkedIn (using LinkedIn's internal invitation mechanism), there is a way to mark it as spam, but there is little you can do when receiving it here.

LinkedIn is OK (but not great) for what it does. It has groups that can be set up for members that worked at a particular company, or graduated from a particular school, etc. Unfortunately, those groups have become overrun with professional spammers repeatedly (like every week) hawking products. I'm the owner/moderator of one group for ex-employees of a large company where I used to work, but we all lost our jobs about ten years ago when the company went out of business due to the "dot-com" crisis.

I would LOVE to give up moderating the group, but if I put up an announcement asking for volunteers to take the group over, there is one "LION" in the group that might volunteer, and he would just open the group up to anyone who claimed to know someone there. I occasionally get such requests, and if I can't validate that they used to work for this company, they don't get in. Result: no group spam.

-- Dean

On 2010-10-10 18:31, Joe wrote:
> More spam ***. Delete it!
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Jeffery Daniels" <Buckskinner38@...>
> Subject: [FT897] Invitation to connect on LinkedIn
>
>

31416. Re: [FT897] Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-11 08:37:17 UTC
From: KB1TCD
Topic: 31410 Message: 31416

Rob,

Does the Labtec LVA-8420 hook up directly to the FT-897's mic. port?
I was thinking of getting one...
Thanks and 73 de Jose Douglas - KB1TCD

From: Rob Stampfli <res@...g>
To: FT897@yahoogroups.com
Sent: Sun, October 10, 2010 2:09:38 PM
Subject: Re: [FT897] Upgrading MH-31 to Yaesu MD-100A8X

On Sun, Oct 10, 2010 at 05:59:57PM -0000, Sean wrote:
> Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the
>stock MH-31 hand mic? Better sound?

This will not answer your question, Sean, but a bit of ancillary data:

I use the hand mike, a Labtec LVA-8420 boom headset, and a Blueparrott
B250XT bluetooth headset with my 897, and the hand mike consistently
comes in third when I ask people to judge them. That's not to say
it's bad, but people I talk to prefer the other two to it. (The
LBA-8420 comes in first.)

YMMV,
Rob / KD8WK

[Non-text portions of this message have been removed]

31417. Re: Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-11 10:22:13 UTC
From: nr3r15
Topic: 31410 Message: 31417

> Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?
> W7TRD
> Sean

Hi Sean, I had the same thoughts. For what it's worth, I bought a Heil desk mic. instead. Not sorry I did. It is a great mic. You may want to check them out before you spend the $$$$$.

Larry / nr3r

31418. Re: Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-11 10:36:19 UTC
From: Hank
Topic: 31410 Message: 31418

I did and I get great audio reports. I didn't have any trouble with my hand mic, but I have gotten unsolicited comments on how good the audio sounds with the MD-100A8X. I looked at the Heil mics as well, after all, they are outstanding mics. But the Heil cost the same as the Yaesu, but I also needed to buy the mic stand and cable, bringing the cost out of what I could afford at the time.

One thing to note with the MD-100A8X. You MUST turn the switch on the bottom of the mic in the bypass position. I worked for a month trying to get this mic to work with my 897, even contacting Yaesu for help. Then while looking at the paper that came with the mic, I saw a small note that I had missed when reading it for the first time. It states that the switch must be off for the FT-897 and a few other rigs. As soon as I put it in the bypass position, that mic came alive and I have been very happy with it since.

Hope this helps.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?
> W7TRD
> Sean
>

31419. FT-897D with Kantronics KPC-3+ locked on transmit

Yahoo group: FT897 (2010)
Date: 2010-10-04 18:50:55 UTC
From: Rich H K7RFH
Topic: 31419 Message: 31419

Recently switched over to a KPC-3+ with my FT-897D. Everything was looking good until my first transmit test. After that every time I connect the data port cable to the TNC, the FT-897 immediately goes into transmit mode and does not release.

Does anyone have advice for this one?

I could not find anything about that problem in this group.

Thanks.

31420. Re: [FT897] Box for FT897?

Yahoo group: FT897 (2010)
Date: 2010-10-07 11:30:59 UTC
From: dave Ortiz
Topic: 31394 Message: 31420

just go to UPS and they will pack it in bubble wrap anyway and it will be fine. there are times if you ship to yaseu they will not send back the same box it came in anyway.

--- On Wed, 10/6/10, Ken Bandy <kj9b@...> wrote:

From: Ken Bandy <kj9b@...>
Subject: [FT897] Box for FT897?
To: yaesu@..., FT897@yahoogroups.com
Date: Wednesday, October 6, 2010, 9:17 AM

I need to ship my FT897D back to Yaesu for service (high noise floor on 40

and below). Unfortunately, even though I have two FT897s (one "D", one

non-"D"), I don't think either of their boxes have survived a couple of

moves. I want to use a real 897 box to ship it in, so it has the proper

packing. Does anyone have a spare box they would be willing to part with,

or do I need to contact Yaesu?

Thanks,

Ken

KJ9B

[Non-text portions of this message have been removed]

31421. Re: Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-10 20:54:51 UTC
From: k5ecm
Topic: 31410 Message: 31421

Sean,

I have and use both. I don't get many comments about improvement on HF (not active on HF very much yet), but my friends tell me on VHF/UHF there is a huge difference, so if you use VHF/UHF it is definitely worth it. On HF it is more convenient to not have to hold the mic, and I believe the transmit sound quality is better, even if not many people have said so.

Brent

--- In FT897@yahoogroups.com, "Sean" <kamaaina1@...> wrote:
>
> Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?
> W7TRD
> Sean
>

31422. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-09-26 14:55:45 UTC
From: n8kpa
Topic: 31148 Message: 31422

Hi, all...

CAT isn't used by the MH-59 for everything - there's three dedicated lines in the cable for UP/DOWN and FAST. Take a look at pg 12 of the manual for the pinout at the rig.

Now, how the radio implements the signals from the mic is a completely different thing. Internally, it's certainly true that these same lines are sampled by the microprocessor under control of the imbedded software, which acts on the input to change states.

"CAT" is how Yaesu has chosen to expose specific functionality to its users via a serial data interface. This includes the internal code that reads and writes to the serial interface.

Yaesu has implemented a couple of additional layers of access via the serial interface. First is the service/alignment interface, and the last is an exposed area in the flash memory, with a generic CAT command to read and write to it. Best site I've seen that describes this is at: http://www.0xdecafbad.com/

Here's my first point: Yaesu designed and coded all this, and they're not new at it. If they don't want functionality exposed, it won't be exposed, unless they screwed up. I beleive they made a design choice to mute while tuning, and the code implements it in a clunky way not to our liking.

And here's my final point: these design choices were made years ago. The rig was introduced in the US at Dayton in 2002. It was sold in Japan a year before that. The design cycle for these things is (or at least was) typically 3-5 years. So that means the design spec is circa 1996-98 at best. I bought a very popular synthesized Sony SWL receiver, an ICF-SW100, at that time, and it was known for the annoying "chuffing" noise it made when tuned up and down. It's not surprising that a cutting-edge rig designed at that time muted when tuned: it was considered a "feature". PSK31 was announced in '98, so I bet that the designers didn't and probably couldn't foresee the degree of digital integration we enjoy and expect today.

The 897d version was actually designed at the same time; pretty much all the extra functionality was available as optional extras on the 897 at introduction.

So we're all playing radio with a software and hardware design that pretty much dates to Windows Millenium Edition...Hopefully Yaesu has made enough profit off it to encourage their new Motorola owner/partners to let them introduce a killer FT-997, or some such, Real Soon Now.

Till then, I still love my 897d, with the Collins 2.3 filter, AT897, the OK1FIG white noise mod (http://ok1fig.nagano.cz/FT897D/FT-897D_LessWhiteNoise.htm), and lots of menu tweaking!

73, and see you on the bands.

Jeff kn8a

--- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@...> wrote:
>
> Hi,
> While the on-off CAT command isn't listed in my manual, it's obvious that Yaesu has additional "hidden" CAT commands.
>
> The reason I say that is because the MH-59A8J REMOTE MICROPHONE uses CAT input via the mic jack to the rig to change frequency and (FAST[Power]) and so on.
>
> I don't know if Simon has incorporated these commands in HRD or not but it would be worth a shot to e-mail him directly and you may get the info you need.
>
> simon@... is his e-mail address.
>
> John @ KB0NE
>
>
> --- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@> wrote:
> >
> > I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?
>

31423. FT897 D and MFJ 1786 Magnetic Loop Antenna

Yahoo group: FT897 (2010)
Date: 2010-10-08 20:31:36 UTC
From: Michael
Topic: 31423 Message: 31423

Hello, I am new to this group. I use the above mentioned antenna. Is there any one who uses the same antenna with their 897? If so, I have some questions about tuning the antenna.

Thanks.

Mike, WB3KBB

31424. Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-07 03:44:02 UTC
From: pomerom
Topic: 31424 Message: 31424

Have spent a lot of time reading & learning from this group. About to purchase an FT-897D and think I have some understanding of the antenna options. But what I need to know is what do you like; what really works for you in your real world. What don't you like that'd be a waste of $$??

In my particular circumstance I will need to use both VHF/UHF and also to 40M.

I want to use this rig in my Jeep, on my boat, and sometimes as a base station. So mobile and fixed are both important to me.

Any & all real life experiences and advice you can give will be most appreciated ....

31425. New User

Yahoo group: FT897 (2010)
Date: 2010-10-05 19:40:58 UTC
From: William Winters
Topic: 6881 Message: 31425

AF6XN here. 73's I have an FT-897D and an FT-857D. Always lookinf for information.

Tx

Bud aka William

31426. Need suggestions cannot program radio with computer

Yahoo group: FT897 (2010)
Date: 2010-10-03 06:58:37 UTC
From: Todd
Topic: 31426 Message: 31426

Hi Folks,
I need help a friend of mine has an FT-897 and it just got back from Yeasu for cold solder joints. I am trying to dump all his frequencies back into his radio with no such luck. When I try to receive from the radio to the computer I get an error, and when I try to send to the radio it does nothing except to hang there, no movement of the bar that indicates downloading. I've checked the connection cable to make sure it is secure, with the same results. I am not using a serial to USB converter so that is not an issue either. Does anyone have any suggestions to remedy my situation?

Todd AE7V

31427. Heil Microphones

Yahoo group: FT897 (2010)
Date: 2010-10-08 01:38:38 UTC
From: James Cornes
Topic: 31427 Message: 31427

Looking for suggestions on the best heil microphone for the FT-897. Ready to replace the stock
microphone after 8 years and improve audio quality for SSB rag-chewing, DX work, etc.

Thanks, Paul KZ0P

===
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.. . .

_____

type_D

. ...

[Non-text portions of this message have been removed]

31428. TX ERROR

Yahoo group: FT897 (2010)
Date: 2010-10-07 21:19:11 UTC
From: themayor_md
Topic: 22093 Message: 31428

I just got the 897-D and while waiting to install a vertical antenna, I connected the rig to my 2m antenna (appropriate connector on back of radio). I set the 'repeater' (menu d) operation, but I get TX ERROR when I key up (receive seems to be working). Any suggestion(s) greatfully accepted.

Thanks, 73
Maeir
k3CPR

31429. Re: [FT897] Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-11 14:53:48 UTC
From: Rob Stampfli
Topic: 31410 Message: 31429

On Mon, Oct 11, 2010 at 01:37:17AM -0700, KB1TCD wrote:
> Rob,
>
> Does the Labtec LVA-8420 hook up directly to the FT-897's mic. port?
> I was thinking of getting one...
> Thanks and 73 de Jose Douglas - KB1TCD

No, it comes with two standard 1/8" stereo plugs appropriate for a computer sound card (one for the mic and a second one for the headphones).

I bought mine from W2ENY, and it came with an adapter for the 897. I don't think the adapter would be too difficult to make for yourself from the end of ethernet cable, though.

One more comment on this headset: Although it works great on HF, I've found it susceptible to RFI on 2m, at least on the 897 here.

Rob / KD8WK

31430. RE: [FT897] Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-11 15:21:23 UTC
From: Ken Bandy
Topic: 31424 Message: 31430

Wow! Lots of variables there. First off, you might want to consider the FT-857, the mobile twin of the FT-897, for your application, since two of your three uses are mobile. If you are going to be operating portable, I would highly recommend a Buddipole system. If you're operating mobile, I would think a screwdriver of some sort. If you have the real estate and trees, for fixed base operation, I would recommend a Windom type wire antenna. I have made many Windoms for under $40, and they're a good, versatile antenna.

73,
Ken
KJ9B

> -----Original Message-----
> From: pomerom [mailto:mp@...]
> Sent: Wednesday, October 06, 2010 11:44 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Antenna's that do the job
>
> Have spent a lot of time reading & learning from this group.
> About to purchase an FT-897D and think I have some
> understanding of the antenna options. But what I need to
> know is what do you like; what really works for you in your
> real world. What don't you like that'd be a waste of $$??
>
> In my particular circumstance I will need to use both VHF/UHF
> and also to 40M.
>
> I want to use this rig in my Jeep, on my boat, and sometimes
> as a base station. So mobile and fixed are both important to me.
>
> Any & all real life experiences and advice you can give will
> be most appreciated ....

31431. RE: [FT897] TX ERROR

Yahoo group: FT897 (2010)
Date: 2010-10-11 15:22:35 UTC
From: Ken Bandy
Topic: 22093 Message: 31431

Check your offset. It sounds as if it's trying to transmit out of band.

73,
Ken
KJ9B

> -----Original Message-----
> From: themayor_md [mailto:k3cpr@...]
> Sent: Thursday, October 07, 2010 5:19 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] TX ERROR
>
> I just got the 897-D and while waiting to install a vertical
> antenna, I connected the rig to my 2m antenna (appropriate
> connector on back of radio). I set the 'repeater' (menu d)
> operation, but I get TX ERROR when I key up (receive seems
> to be working). Any suggestion(s) greatfully accepted.
>
> Thanks, 73
> Maeir
> k3CPR

31432. Re: [FT897] Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-11 15:42:21 UTC
From: P Grant
Topic: 31424 Message: 31432

Hello,,,,,,

You have mentioned using the FT897D as a base, mobile in car, and on your boat...

The more suitable radio for this would be the FT857D, as the 897D is more expensive as it allows using a battery pack installed for portable use,,, and you have not specified this in your post.

The FT857D comes complete with a mobile mounting bracket, and you can 'find' another spare bracket for fitting in the boat, the 857, also has the advantage of the remote head separation which is a boon for mounting the radio under a seat, or in the trunk... allowing you to leave your car with the control head in your pocket.

I am probably biased as I use my 897 as a base, and my 857 as my mobile, only drawback with both radios is no built in DTMF facility for working echolink and some repeater linking, which is useful, if you need this, or as a selling point when trading up...

73 from Ireland __________ Peter EI4HX ei4hxperimental@...

_____
----- Original Message -----
From: pomerom
To: FT897@yahoogroups.com
Sent: Thursday, October 07, 2010 4:44 AM
Subject: [FT897] Antenna's that do the job

Have spent a lot of time reading & learning from this group. About to purchase an FT-897D and think I have some understanding of the antenna options. But what I need to know is what do you like; what really works for you in your real world. What don't you like that'd be a waste of $$??

In my particular circumstance I will need to use both VHF/UHF and also to 40M.

I want to use this rig in my Jeep, on my boat, and sometimes as a base station. So mobile and fixed are both important to me.

Any & all real life experiences and advice you can give will be most appreciated ....

[Non-text portions of this message have been removed]

31433. Re: [FT897] Heil Microphones

Yahoo group: FT897 (2010)
Date: 2010-10-11 21:39:05 UTC
From: Danny Loyd
Topic: 31427 Message: 31433

Paul,

I have the Heil Proset with I believe the HM-5 on it and have gotten nothing but good reports from it.

Danny
KE5WDI

From: James Cornes <jpcorn1@...>
To: FT897@...m
Sent: Thu, October 7, 2010 8:38:38 PM
Subject: [FT897] Heil Microphones

Looking for suggestions on the best heil microphone for the FT-897. Ready to replace the stock
microphone after 8 years and improve audio quality for SSB rag-chewing, DX work, etc.

Thanks, Paul KZ0P

===
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www.grouply.com

.. . .

---

type_D

. ...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31434. Re: [FT897] Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-11 23:13:43 UTC
From: KB1TCD
Topic: 31424 Message: 31434

For portable operations we use a Chameleon V11 antenna, it does all bands including 2m and 440.
We haven't used it on VHF/UHF yet, I think you have to take out the 9:1 balun to do so.
We took said antenna on holiday a couple of weeks ago, we rented a cottage w/o internet and used the chameleon not only
for QSOs on voice but also for digital modes to cheque and send e-mails using the radio and a laptop.
Made DX contacts on 17, 20 and 40m and connected to digital RMS stations for e-mails on 80, 40 and 20m.
We have the antenna on a 5ft tripod and 3 5ft masts. Antenna comes w/4 20ft radials, we added 2 more for good measure.
This Friday we are hosting a digital open house with two portable digital stations operating and one VHF portable digi station as well here in MidCoast Maine.

73 de KB1TCD

From: Ken Bandy <kj9b@...>
To: FT897@yahoogroups.com
Sent: Mon, October 11, 2010 11:21:23 AM
Subject: RE: [FT897] Antenna's that do the job

Wow! Lots of variables there. First off, you might want to consider the FT-857, the mobile twin of the FT-897, for your application, since two of your three uses are mobile. If you are going to be operating portable, I would highly recommend a Buddipole system. If you're operating mobile, I would think a screwdriver of some sort. If you have the real estate and trees, for fixed base operation, I would recommend a Windom type wire antenna. I have made many Windoms for under $40, and they're a good, versatile antenna.

73,
Ken
KJ9B

> -----Original Message-----
> From: pomerom [mailto:mp@...]
> Sent: Wednesday, October 06, 2010 11:44 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Antenna's that do the job
>
> Have spent a lot of time reading & learning from this group.
> About to purchase an FT-897D and think I have some
> understanding of the antenna options. But what I need to

> know is what do you like; what really works for you in your
> real world. What don't you like that'd be a waste of $$??
>
> In my particular circumstance I will need to use both VHF/UHF
> and also to 40M.
>
> I want to use this rig in my Jeep, on my boat, and sometimes
> as a base station. So mobile and fixed are both important to me.
>
> Any & all real life experiences and advice you can give will
> be most appreciated ....

[Non-text portions of this message have been removed]

31435. Re:TX ERROR

Yahoo group: FT897 (2010)
Date: 2010-10-12 14:24:18 UTC
From: David Okrent
Topic: 22093 Message: 31435

Check your antenna and its connections. Sounds like a problem in this area.

31436. Re: Heil Microphones

Yahoo group: FT897 (2010)
Date: 2010-10-12 17:08:34 UTC
From: nr3r15
Topic: 31427 Message: 31436

> Looking for suggestions on the best heil microphone for the FT-897. Ready to
> replace the stock
> microphone after 8 years and improve audio quality for SSB rag-chewing, DX work,
> etc.
>
>
> Thanks, Paul KZ0P

Paul, If you are looking for a headset/mic I have the Proset Plus, it has both the elements in it HC4 for DX and HC5 for regular rag chew. If you are looking for a mic only I have and would suggest the HM10. It also has both elements in it. My opinion is to get something that offers both the elements. They are not that much more as far as $$$ and than you have 2 mics in one. I also have and like the Travler Dual Side headset and mic combo.

Larry / nr3r

31437. Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:03:39 UTC
From: kb1syv
Topic: 31437 Message: 31437

Hello Everyone,

I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?

Thanks,

73,

Jethro

31438. Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:13:46 UTC
From: Jeff Flanary
Topic: 31437 Message: 31438

Press and hold the "F" key till it beeps. if you just press it, it will
only change the function keys.

On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:

>
>
> Hello Everyone,
>
> I have a headset that has a y cable that plugs into the mic jack so I can
> use the headset mic on VOX. I followed the instructions in the manual, to go
> to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select
> other options. Well for me, when I momentarily press the "F" key and use the
> vfo/mem knob, it just goes on to the next menu. It doesn't take me to where
> I can turn the VOX on. Any advice on what I'm doing wrong?
>
> Thanks,
>
> 73,
>
> Jethro
>
>
>

--
Jeff Flanary
Central Office Supervisor
Scott County Telephone Coop.
(276)452-5333 Office
(423)502-5613 Cell
(276)452-1000 Fax
---
www.sctc.org

[Non-text portions of this message have been removed]

31439. Re: Score(**********)Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:16:29 UTC
From: Jeff Flanary
Topic: 31437 Message: 31439

Hold down the "f" key till it beeps, then turn the mem/vfo knob to the vox
menu, then use the big tuning dial to change.

On Tue, Oct 12, 2010 at 2:13 PM, Jeff Flanary <jefff@...> wrote:

> Press and hold the "F" key till it beeps. if you just press it, it will
> only change the function keys.
>
> On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:
>
> >
> >
> > Hello Everyone,
> >
> > I have a headset that has a y cable that plugs into the mic jack so I can
> > use the headset mic on VOX. I followed the instructions in the manual, to
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> > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to
> select
> > other options. Well for me, when I momentarily press the "F" key and use
> the
> > vfo/mem knob, it just goes on to the next menu. It doesn't take me to
> where
> > I can turn the VOX on. Any advice on what I'm doing wrong?
> >
> > Thanks,
> >
> > 73,
> >
> > Jethro
> >
> >
> >
>
>
>
> --
> Jeff Flanary
> Central Office Supervisor
> Scott County Telephone Coop.
> (276)452-5333 Office
> (423)502-5613 Cell
> (276)452-1000 Fax
> --
> www.sctc.org

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> [Non-text portions of this message have been removed]
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Jeff Flanary
Central Office Supervisor
Scott County Telephone Coop.
(276)452-5333 Office
(423)502-5613 Cell
(276)452-1000 Fax
----
www.sctc.org

[Non-text portions of this message have been removed]

31440. Score(**********)Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:36:58 UTC
From: kb1syv
Topic: 31437 Message: 31440

Jeff, I don't know why my other post didn't post, but I get to menu 40 no problem. According to the manual, there is a sub manual off of 40 you get to by momentarily pressing the "F" key again. Problem is, it's not working. It's located on page 58
--- In FT897@yahoogroups.com, Jeff Flanary <jefff@...> wrote:
>
> Hold down the "f" key till it beeps, then turn the mem/vfo knob to the vox
> menu, then use the big tuning dial to change.
>
> On Tue, Oct 12, 2010 at 2:13 PM, Jeff Flanary <jefff@...> wrote:
>
> > Press and hold the "F" key till it beeps. if you just press it, it will
> > only change the function keys.
> >
> > On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:
> >
> > >
> > >
> > > Hello Everyone,
> > >
> > > I have a headset that has a y cable that plugs into the mic jack so I can
> > > use the headset mic on VOX. I followed the instructions in the manual, to
> > go
> > > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to
> > select
> > > other options. Well for me, when I momentarily press the "F" key and use
> > the
> > > vfo/mem knob, it just goes on to the next menu. It doesn't take me to
> > where
> > > I can turn the VOX on. Any advice on what I'm doing wrong?
> > >
> > > Thanks,
> > >
> > > 73,
> > >
> > > Jethro
> > >
> > >
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> > >
> > > --
> > > Jeff Flanary
> > > Central Office Supervisor
> > > Scott County Telephone Coop.

> > (276)452-5333 Office
> > (423)502-5613 Cell
> > (276)452-1000 Fax
> > ----------
> > www.sctc.org
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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31441. Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:17:41 UTC
From: kb1syv
Topic: 31437 Message: 31441

Pressing and holding just returns it to normal mode again. When I press it momentarily and release it beeps, but still just switches to the next menu i.e 41 or 39.

--- In FT897@yahoogroups.com, Jeff Flanary <jefff@...> wrote:
>
> Press and hold the "F" key till it beeps. if you just press it, it will
> only change the function keys.
>
> On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:
>
> > >
> > >
> > > Hello Everyone,
> > >
> > > I have a headset that has a y cable that plugs into the mic jack so I can
> > > use the headset mic on VOX. I followed the instructions in the manual, to go
> > > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select
> > > other options. Well for me, when I momentarily press the "F" key and use the
> > > vfo/mem knob, it just goes on to the next menu. It doesn't take me to where
> > > I can turn the VOX on. Any advice on what I'm doing wrong?
> > >
> > > Thanks,
> > >
> > > 73,
> > >
> > > Jethro
> > >
> > >
> > >
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>
> --
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>
> [Non-text portions of this message have been removed]
>

31442. Score(**********)Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:20:20 UTC
From: kb1syv
Topic: 31437 Message: 31442

I got that far, but there is a sub menu according to the manual to turn VOX on. By the way, I was a central office technician out in CA for 13 years, mainly DMS 100, 250, 500 and all transmission.

Thanks

73,

Jethro
--- In FT897@yahoogroups.com, Jeff Flanary <jefff@...> wrote:
>
> Hold down the "f" key till it beeps, then turn the mem/vfo knob to the vox
> menu, then use the big tuning dial to change.
>
> On Tue, Oct 12, 2010 at 2:13 PM, Jeff Flanary <jefff@...> wrote:
>
> > Press and hold the "F" key till it beeps. if you just press it, it will
> > only change the function keys.
> >
> > On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:
> >
> > >
> > >
> > > Hello Everyone,
> > >
> > > I have a headset that has a y cable that plugs into the mic jack so I can
> > > use the headset mic on VOX. I followed the instructions in the manual, to
> > go
> > > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to
> > select
> > > other options. Well for me, when I momentarily press the "F" key and use
> > the
> > > vfo/mem knob, it just goes on to the next menu. It doesn't take me to
> > where
> > > I can turn the VOX on. Any advice on what I'm doing wrong?
> > >
> > > Thanks,
> > >
> > > 73,
> > >
> > > Jethro
> > >
> > >
> > >
> >
> >

> >
> > --
> > Jeff Flanary
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> > (423)502-5613 Cell
> > (276)452-1000 Fax
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> > www.sctc.org
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

31443. Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:50:55 UTC
From: Florentin Nastase
Topic: 31437 Message: 31443

Try to go to "MFd" and activate VOX (press C) and from MENU MODE #088 set gain for MIC and from #040 for DIGITALS modes if you did not have CAT.
 Florentin /YO9BXC

--- On Tue, 10/12/10, kb1syv <kb1syv@yahoo.com> wrote:

From: kb1syv <kb1syv@...>
Subject: Re: Score(**********)[FT897] Turning on VOX
To: FT897@yahoogroups.com
Date: Tuesday, October 12, 2010, 11:17 AM

Pressing and holding just returns it to normal mode again. When I press it momentarily and release it beeps, but still just switches to the next menu i.e 41 or 39.

--- In FT897@yahoogroups.com, Jeff Flanary <jefff@...> wrote:

>

> Press and hold the "F" key till it beeps. if you just press it, it will

> only change the function keys.

>

> On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:

>

> >

> >

> > Hello Everyone,

> >

> > I have a headset that has a y cable that plugs into the mic jack so I can

> > use the headset mic on VOX. I followed the instructions in the manual, to go

> > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select

> > other options. Well for me, when I momentarily press the "F" key and use the

> > vfo/mem knob, it just goes on to the next menu. It doesn't take me to where

> > I can turn the VOX on. Any advice on what I'm doing wrong?

> >

> > Thanks,

> >

> > 73,

> >

> > Jethro

> >

> >

> >

>

>

>

> --

> Jeff Flanary

> Central Office Supervisor

> Scott County Telephone Coop.

> (276)452-5333 Office

> (423)502-5613 Cell

> (276)452-1000 Fax

> ----------

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

31444. Re: Score(**********)Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:59:38 UTC
From: Jeff Flanary
Topic: 31437 Message: 31444

When u get to menu option 40, you turn the tuning dial to change the value from 0 to 100. It tells you how to also turn the regular vox off when using the digital vox. when you press the "f" key again, it rotates the function keys on the bottom of the display, turn till vox is there, then press that function key to turn vox on/off. If you are using a headset, you don't have to mess with the digital vox. Just turn the vox on by momentarily pressing "f", look at the very bottom of the display, turn the mem/vfo knob till it shows vox, then press and hold that function key till the vox is activated. You don't have to fool with the digital vox setting, as this is for digital soundcard modes.

73's
Jeff
K4LMP
P.S.-Cool about you having worked in a telephone central office. :)

On Tue, Oct 12, 2010 at 2:17 PM, kb1syv <kb1syv@...> wrote:

>
>
> Pressing and holding just returns it to normal mode again. When I press it
> momentarily and release it beeps, but still just switches to the next menu
> i.e 41 or 39.
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Jeff Flanary
> <jefff@...> wrote:
> >
> > Press and hold the "F" key till it beeps. if you just press it, it will
> > only change the function keys.
> >
> > On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@...> wrote:
> >
> > >
> > >
> > > Hello Everyone,
> > >
> > > I have a headset that has a y cable that plugs into the mic jack so I
> can
> > > use the headset mic on VOX. I followed the instructions in the manual,
> to go
> > > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to
> select
> > > other options. Well for me, when I momentarily press the "F" key and
> use the
> > > vfo/mem knob, it just goes on to the next menu. It doesn't take me to

> where
> > > I can turn the VOX on. Any advice on what I'm doing wrong?
> > >
> > > Thanks,
> > >
> > > 73,
> > >
> > > Jethro
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> > --
> > Jeff Flanary
> > Central Office Supervisor
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> > [Non-text portions of this message have been removed]
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Jeff Flanary
Central Office Supervisor
Scott County Telephone Coop.
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---
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[Non-text portions of this message have been removed]

31445. Re: [FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:53:50 UTC
From: Rob Stampfli
Topic: 31437 Message: 31445

On Tue, Oct 12, 2010 at 06:03:39PM -0000, kb1syv wrote:
> Hello Everyone,
>
> I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?

You turn on VOX by momentarily pressing the F key and then selecting
Multi-Funciton Row "d". Alternately, you could press the DSP button
and spin the MEM/VFO knob 5 clicks clockwise. Pressing the third
button "C" will toggle the VOX on and off.

If you press and hold the VOX button "C", it will dump you into
Menu 088 where you can adjust the VOX GAIN using the main tuning knob.
The VOX DELAY (selectable from the MEM/VFO knob and adjustable the
same way) will be one click away. Press and hold the F key to exit
Menu Mode when you are done.

Rob / KD8WK

31446. Score(**********)Re: Score(**********)[FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 19:13:33 UTC
From: kb1syv
Topic: 31437 Message: 31446

That's the thing, mine is not doing that. I am in menu 40, then I momentarily press "F" and nothing happens. I can turn the tuning dial and set dif vox from 1-100, but nothing appears above the A B C keys
--- In FT897@yahoogroups.com, Jeff Flanary <jefff@...> wrote:
>
> When u get to menu option 40, you turn the tuning dial to change the value
> from 0 to 100. It tells you how to also turn the regular vox off when using
> the digital vox. when you press the "f" key again, it rotates the function
> keys on the bottom of the display, turn till vox is there, then press that
> function key to turn vox on/off. If you are using a headset, you don't have
> to mess with the digital vox. Just turn the vox on by momentarily pressing
> "f", look at the very bottom of the display, turn the mem/vfo knob till it
> shows vox, then press and hold that function key till the vox is activated.
> You don't have to fool with the digital vox setting, as this is for digital
> soundcard modes.
>
> 73's
> Jeff
> K4LMP
> P.S.-Cool about you having worked in a telephone central office. :)
>
> On Tue, Oct 12, 2010 at 2:17 PM, kb1syv <kb1syv@...> wrote:
>
> >
> >
> > Pressing and holding just returns it to normal mode again. When I press it
> > momentarily and release it beeps, but still just switches to the next menu
> > i.e 41 or 39.
> >
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Jeff Flanary
> > <jefff@> wrote:
> > >
> > > Press and hold the "F" key till it beeps. if you just press it, it will
> > > only change the function keys.
> > >
> > > On Tue, Oct 12, 2010 at 2:03 PM, kb1syv <kb1syv@> wrote:
> > >
> > > >
> > > > Hello Everyone,
> > > >
> > > > I have a headset that has a y cable that plugs into the mic jack so I
> > can
> > > > use the headset mic on VOX. I followed the instructions in the manual,

> > to go
> > > > to Menu 40 and then momentarily press "F" key and use mem/vfo knob to
> > select
> > > > other options. Well for me, when I momentarily press the "F" key and
> > use the
> > > > vfo/mem knob, it just goes on to the next menu. It doesn't take me to
> > where
> > > > I can turn the VOX on. Any advice on what I'm doing wrong?
> > > >
> > > > Thanks,
> > > >
> > > > 73,
> > > >
> > > > Jethro
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> > >
> > > --
> > > Jeff Flanary
> > > Central Office Supervisor
> > > Scott County Telephone Coop.
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> > > (276)452-1000 Fax
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> > > [Non-text portions of this message have been removed]
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> --
> Jeff Flanary
> Central Office Supervisor
> Scott County Telephone Coop.
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>

> [Non-text portions of this message have been removed]
>

31450. Re: Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 23:50:10 UTC
From: kb1syv
Topic: 31437 Message: 31450

Thank you for your help everyone, I got it finally. I was trying to do the momentary "F" while in menu 40. I hadd to be out of the menu system and then press the "F" key. Thanks to everyone who responded. Now if I could only get rid of my off the charts SWR I could get my first QSO!!!

73,

Jethro

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> On Tue, Oct 12, 2010 at 06:03:39PM -0000, kb1syv wrote:
> > Hello Everyone,
> >
> > I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?
>
> You turn on VOX by momentarily pressing the F key and then selecting
> Multi-Funciton Row "d". Alternately, you could press the DSP button
> and spin the MEM/VFO knob 5 clicks clockwise. Pressing the third
> button "C" will toggle the VOX on and off.
>
> If you press and hold the VOX button "C", it will dump you into
> Menu 088 where you can adjust the VOX GAIN using the main tuning knob.
> The VOX DELAY (selectable from the MEM/VFO knob and adjustable the
> same way) will be one click away. Press and hold the F key to exit
> Menu Mode when you are done.
>
> Rob / KD8WK
>

31451. Re: Heil Microphones

Yahoo group: FT897 (2010)
Date: 2010-10-12 23:53:21 UTC
From: kb1syv
Topic: 31427 Message: 31451

Sorry for the late reply Paul, I have the Heil Proset Plus as well. I can only tel you the outside noise reduction is awesome. You can really pick out signals that you wouldn't normally hear. Now since I'm having major antenna SWR issues I can't tell you how the Mic is, but I expect it will outdo the one your used to!

73,

Jethro

--- In FT897@yahoogroups.com, James Cornes <jpcorn1@...> wrote:
>
> Looking for suggestions on the best heil microphone for the FT-897. Ready to replace the stock
> microphone after 8 years and improve audio quality for SSB rag-chewing, DX work, etc.
>
> Thanks, Paul KZ0P
>
> ===
> Posted through Grouply
> Create your own group!
> www.grouply.com
>
> .. . .
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> [Non-text portions of this message have been removed]
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31453. Re: [FT897] Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-13 06:30:35 UTC
From: Michael Hughey
Topic: 31437 Message: 31453

Keep turning the VFO/MEM knob until you see VOX show up above the "C" button. Press it to activate VOX. I had to go into the main menu to put my VOX sensitivity as low as possible because sometimes I accidentally turn it on. There are many, many menu sets to go through, so you may have to go through a few to find the one you want.

Mike - KF4DUS

--- On Tue, 10/12/10, kb1syv <kb1syv@...> wrote:

From: kb1syv <kb1syv@yahoo.com>
Subject: [FT897] Turning on VOX
To: FT897@yahoogroups.com
Date: Tuesday, October 12, 2010, 12:03 PM

Hello Everyone,

I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?

Thanks,

73,

Jethro

[Non-text portions of this message have been removed]

31454. Re:Need suggestions cannot program radio with computer

Yahoo group: FT897 (2010)
Date: 2010-10-13 11:54:45 UTC
From: Allan Godney
Topic: 31426 Message: 31454

Hello Todd

What software are you using? I use FT basic MMO which is easy to use and fully featured. If you use the same product drop an email to

bob.freeth@... <mailto:bob.freeth@...>

Let him know what problems you are having and he will fix you up very quickly.

Regards Allan M0CBG

[Non-text portions of this message have been removed]

31455. Pre-amp

Yahoo group: FT897 (2010)
Date: 2010-10-13 08:03:06 UTC
From: gd6icr
Topic: 31455 Message: 31455

Need to switch masthead preamp for 2m/70cm - any ideas

Mike

31456. Re: Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:52:37 UTC
From: shylow101
Topic: 31437 Message: 31456

Vox is enabled/ disabled via the multifunction keys: A:B:C press F key <>1sec then turn MEM/VFO/CHAN until vox is over the "C" button. you can turn on or off VOX there.

hope this clears it up. Steve: AE5RU.
--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hello Everyone,
>
> I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?
>
> Thanks,
>
> 73,
>
> Jethro
>

31457. Re: Turning on VOX

Yahoo group: FT897 (2010)
Date: 2010-10-12 18:51:44 UTC
From: wa4dyn
Topic: 31437 Message: 31457

Jethro,

Do you want to turn on the DIGITAL VOX (for use in DIG mode only) or the SSB/AM/FM vox for use with the mike?

For the phone modes please look at page 28 in the manual.

Good luck
73 Bob WA4DYN

--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hello Everyone,
>
> I have a headset that has a y cable that plugs into the mic jack so I can use the headset mic on VOX. I followed the instructions in the manual, to go to Menu 40 and then momentarily press "F" key and use mem/vfo knob to select other options. Well for me, when I momentarily press the "F" key and use the vfo/mem knob, it just goes on to the next menu. It doesn't take me to where I can turn the VOX on. Any advice on what I'm doing wrong?
>
> Thanks,
>
> 73,
>
> Jethro
>

31458. Re: Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-12 21:25:45 UTC
From: k4ija
Topic: 31410 Message: 31458

Hank, tnx for the tip, on the bypass switch. I had tried the MD100a8x and could not get it to work. Now all is fine business.
Tom,K4IJA

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> I did and I get great audio reports. I didn't have any trouble with my hand mic, but I have gotten unsolicited comments on how good the audio sounds with the MD-100A8X. I looked at the Heil mics as well, after all, they are outstanding mics. But the Heil cost the same as the Yaesu, but I also needed to buy the mic stand and cable, bringing the cost out of what I could afford at the time.
>
> One thing to note with the MD-100A8X. You MUST turn the switch on the bottom of the mic in the bypass position. I worked for a month trying to get this mic to work with my 897, even contacting Yaesu for help. Then while looking at the paper that came with the mic, I saw a small note that I had missed when reading it for the first time. It states that the switch must be off for the FT-897 and a few other rigs. As soon as I put it in the bypass position, that mic came alive and I have been very happy with it since.
>
> Hope this helps.
>
> 73,
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, "Sean" <kamaaina1@> wrote:
> >
> > Would it be worth while to upgrade to the Yaesu MD-100A8X desk mic from the stock MH-31 hand mic? Better sound?
> > W7TRD
> > Sean
> >
>

31459. CAT Operation

Yahoo group: FT897 (2010)
Date: 2010-10-13 09:19:47 UTC
From: JJ
Topic: 31459 Message: 31459

Hello all,

I have a question about CAT operation. When you are using CAT do the radio front panel controls still function?

That is can I control the radio by the program and the front panel at the same time? Will the computer display track when I turn the front panel main tuning control?

I have been a ham for 46 years but no experience with CAT!

Thanks!

73, JJ DU1/KS4DK

31460. Re: CAT Operation

Yahoo group: FT897 (2010)
Date: 2010-10-13 15:14:59 UTC
From: Steve Yates
Topic: 31459 Message: 31460

Yes, yes, and yes. The applications that I've used do not remove control via the radio yet are continually updated with any changes made via the front panel.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "JJ" <du1_ks4dk@...> wrote:
>
> Hello all,
>
> I have a question about CAT operation. When you are using CAT do the radio front panel controls still function?
>
> That is can I control the radio by the program and the front panel at the same time? Will the computer display track when I turn the front panel main tuning control?
>
> I have been a ham for 46 years but no experience with CAT!
>
> Thanks!
>
> 73, JJ DU1/KS4DK
>

31461. Re: Upgrading MH-31 to Yaesu MD-100A8X

Yahoo group: FT897 (2010)
Date: 2010-10-13 17:29:22 UTC
From: Hank
Topic: 31410 Message: 31461

Tom, glad I could help. I was pulling my hair out trying to get it to work. I finally gave up figuring it was a bad mic. It was then that I stumbled across the note.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "k4ija" <K4IJA@...> wrote:
>
> Hank, tnx for the tip, on the bypass switch. I had tried the MD100a8x and could not get it to work. Now all is fine business.
> Tom,K4IJA
>

31462. Re: What's the latest word on Bluetooth for the ft-897d

Yahoo group: FT897 (2010)
Date: 2010-10-13 21:36:18 UTC
From: mchenryproj
Topic: 31397 Message: 31462

Hello Bret (and Rob, etc).
I bought 5 of the non-working Jabra headset adapters from a company on eBay that was selling known dead units. All of mine had dead batteries but other than that, they are working. I found the battery type off one of the dead batts. I think I found a very similar if not the same battery on eBay. Packaging is the key on the batteries right now. Most distributors don't publish the sizes so I ordered a few that looked about right. If these work out I may start a cottage industry reviving these things. Either way, once I find out about the fit and usability of the replacement batts, I'll post the info here. Basically, if this works I'll have 5 working units with new batteries that will have cost me about $10 each.

Once I get that far I'll look into making a few simple cables to adapt the cell connector to what we need for our radios and I'll let the world know, right here, if it all works out. :)

As for one with a manual PTT button, I really doubt you'll find a BT adapter that has that, but good luck.

As Rob mentioned in his write-up, there are 2 other BT adapters out there now. One looks like it might be the same as the Jabra in a slightly different package. Both I believe are made by Cardo who I never heard of before. There is a vendor on eBay claiming to have thousands of those. If they have thousands of them, might be something wrong with them. I have 5 that seem to be working so I have plenty, no need for more here. Should know more near the end of the week.

Sean
KB8JNE

31463. RE: [FT897] CAT Operation

Yahoo group: FT897 (2010)
Date: 2010-10-13 21:41:05 UTC
From: Mike Ernst
Topic: 31459 Message: 31463

Yes, the front panel controls are still active and most programs will track the display - certainly Ham Radio Deluxe will.

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JJ
Sent: Wednesday, October 13, 2010 5:20 AM
To: FT897@yahoogroups.com
Subject: [FT897] CAT Operation

Hello all,

I have a question about CAT operation. When you are using CAT do the radio front panel controls still function?

That is can I control the radio by the program and the front panel at the same time? Will the computer display track when I turn the front panel main tuning control?

I have been a ham for 46 years but no experience with CAT!

Thanks!

73, JJ DU1/KS4DK

[Non-text portions of this message have been removed]

31464. Re: [FT897] CAT Operation

Yahoo group: FT897 (2010)
Date: 2010-10-14 01:15:08 UTC
From: B Young
Topic: 31459 Message: 31464

I use Ham Radio Deluxe (HRD) and you can use radio dials, buttons and Ham Radio Deluxe will stay in sync. I find some functions easier to engage via HRD as opposed to using the FT 897 buttons, menus, etc. It depends on the CAT based interface software you use.

73 Barry K9BAY

On Oct 13, 2010 11:00 AM, "JJ" <du1_ks4dk@...> wrote:

Hello all,

I have a question about CAT operation. When you are using CAT do the radio front panel controls still function?

That is can I control the radio by the program and the front panel at the same time? Will the computer display track when I turn the front panel main tuning control?

I have been a ham for 46 years but no experience with CAT!

Thanks!

73, JJ DU1/KS4DK

[Non-text portions of this message have been removed]

31465. Re: What's the latest word on Bluetooth for the ft-897d

Yahoo group: FT897 (2010)
Date: 2010-10-14 07:16:32 UTC
From: g8hul
Topic: 31397 Message: 31465

Hi all

There shouldn't be too much of a problem implementing a remote ptt. In the B/T adaptor that I have (unknown maker) pressing the button on the headset causes a pulse on the mic line (or was it the phone line, I can't remember), and it is a simple thing to get a bit of cmos logic to toggle the pulse into a level that will drive a transistor for the ptt.

73
Jeff

31466. Re: [FT897] Re: Heil Microphones

Yahoo group: FT897 (2010)
Date: 2010-10-14 12:55:00 UTC
From: Tim Lyons
Topic: 31427 Message: 31466

I have gotten my hands on a Diamond D-104. I replaced the stock mic element with a Heil HC-4 . I have been told it sounds a bit tinny. But, on pile ups, it has the oomph to push through just on the character of the sound. I also have the Yaesu MD 100 desk mic and that is the primary mic I use on 2/440 locally.

Either way, experimentation is always fun.

Best 73
NH2BV
Tim

From: nr3r15 <nr3r15@...>
To: FT897@yahoogroups.com
Sent: Tue, October 12, 2010 10:08:34 AM
Subject: [FT897] Re: Heil Microphones

> Looking for suggestions on the best heil microphone for the FT-897. Ready to
> replace the stock
> microphone after 8 years and improve audio quality for SSB rag-chewing, DX
>work,
>
> etc.
>
>
> Thanks, Paul KZ0P

Paul, If you are looking for a headset/mic I have the Proset Plus, it has both the elements in it HC4 for DX and HC5 for regular rag chew. If you are looking for a mic only I have and would suggest the HM10. It also has both elements in it. My opinion is to get something that offers both the elements. They are not that much more as far as $$$ and than you have 2 mics in one. I also have and like the Travler Dual Side headset and mic combo.

Larry / nr3r

[Non-text portions of this message have been removed]

31469. Re: [FT897] Re: CAT Operation

Yahoo group: FT897 (2010)
Date: 2010-10-15 04:35:26 UTC
From: Joseph Lankford II
Topic: 31459 Message: 31469

Hello,

To all who responded - Thanks!

That was in my mind that's the way it should work.
And now I know it does!

Looking forward to next year, when it looks like I will be able to get a FT-897!

73, JJ DU1/KS4DK

31470. Jabra A210 Bluetooth Adapter

Yahoo group: FT897 (2010)
Date: 2010-10-15 04:51:41 UTC
From: vk6mb
Topic: 31470 Message: 31470

I can find a Jabra A210 Bluetooth Adapter, but the company won't send to Australia.
Is someone willing to have me send it to them in the US, and then you would post it to Australia?

If so please email me direct, thanks

73 Mike
VK6MB

31471. QUESTION: 897 and 897D Arrival Years

Yahoo group: FT897 (2010)
Date: 2010-10-15 14:13:55 UTC
From: scotchmandr
Topic: 31471 Message: 31471

I am looking to purchase an 897D for a Kids Radio Club. I need to know what year the 897 came out and what year the D version began production.

This is a major endeavor for a Kids group and we cant afford to waste our money. We can only get 1 HF Rig right now and so have a multiband/multimode would be the best economical decision when the price is right for Kids.

TNX 72/73, Phillip N8AYE
-.-. --.- -.. . .--- -.-. ....- -.-- --- ..-

Collecting donations for WK1RK
Michigan Amateur Radio Kid's Net

31472. Re: QUESTION: 897 and 897D Arrival Years

Yahoo group: FT897 (2010)
Date: 2010-10-15 16:29:11 UTC
From: NM7L
Topic: 31471 Message: 31472

FT-897: 2002
FT-897D: 2004

31473. 1Mhz step function and Clarifier/IF-Shift

Yahoo group: FT897 (2010)
Date: 2010-10-16 04:22:05 UTC
From: Rob Stampfli
Topic: 31473 Message: 31473

While chatting on my 897 tonight, I noticed that when I have the IF-Shift or Clarifier/RIT engaged, I can no longer use the 1 Mhz step function: Pressing the MEM/VFO knob has no effect until both the IF-Shift and Clarifier functions are cancelled. If the 1 Mhz step function is engaged, pressing the unmarked button to turn on either the Clarifier or IF-Shift immediately cancels it.

Does everyone's 897 work this way? Just curious: can anyone posit as to why Yaesu would implement it this way?

Thanks in advance,
Rob / KD8WK

31474. LDG AT897 tuner

Yahoo group: FT897 (2010)
Date: 2010-10-14 14:07:10 UTC
From: vr2xmc
Topic: 31474 Message: 31474

Hello Group,

Ihave my AT897plus with my FT897D. Can this LDG tuner be used with Elecraft K3? If yes, how should I wire the interface cable.

Similarly, where can I find the schematic diagram of Yaesu FC30 autotuner?

Thanks for your assistance in advance.

73

Johnny VR2XMC

31475. tx/rx only from 144.0 to 146 mhz

Yahoo group: FT897 (2010)
Date: 2010-10-16 01:47:19 UTC
From: peterfrederick52
Topic: 31475 Message: 31475

My 897d developed a problem where I can only select from 144Mhz to 146 mhz..the rest of the VHF band I cannot select...any ideas??

31476. Bought a FT-897D Yesterday.

Yahoo group: FT897 (2010)
Date: 2010-10-15 15:56:18 UTC
From: dodge
Topic: 31476 Message: 31476

Going to use it in the RV, with limited space, got fed up carring the 706 and power supply and tuner so I also got the FP30, and Automatic antenna, (one 'box to carry / setup).

I'm half way through the manual so havn't been on the air yet.

Ron VA6RP.

31477. tx/rx only from 144.0 to 146 mhz

Yahoo group: FT897 (2010)
Date: 2010-10-16 08:55:05 UTC
From: Jirka MWW
Topic: 31475 Message: 31477

Hi,

You have very probably the European version. Here we have only 144 -
146 Mhz licenced.

--
73!
Jirka OK1MWW

31478. FT897 for wideband fm

Yahoo group: FT897 (2010)
Date: 2010-10-16 11:09:02 UTC
From: Iain
Topic: 31478 Message: 31478

Hi All

Wonder if someone could tell me if/how I can setup my ft897D for wideband (as opposed to 12.5khz narrownband) to receive APT satellites on FM ?

Tnx es 73's Iain G4DPF

[Non-text portions of this message have been removed]

31479. Re: [FT897] tx/rx only from 144.0 to 146 mhz

Yahoo group: FT897 (2010)
Date: 2010-10-16 13:55:48 UTC
From: beharper2007@yahoo.com
Topic: 31475 Message: 31479

Mine did that's after a MARS cap. I had to reset the microproccessor again.
Ben
KD0HJN
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "peterfrederick52" <peterfrederick52@...>
Sender: FT897@yahoogroups.com
Date: Sat, 16 Oct 2010 01:47:19
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: [FT897] tx/rx only from 144.0 to 146 mhz

My 897d developed a problem where I can only select from 144Mhz to 146 mhz..the rest of the VHF band I cannot select...any ideas??

[Non-text portions of this message have been removed]

31480. Re: Bought a FT-897D Yesterday.

Yahoo group: FT897 (2010)
Date: 2010-10-16 22:49:38 UTC
From: michaelterwin
Topic: 31476 Message: 31480

Congrats Ron! It makes a great radio... Get & print the 897 Menus Reformatted PDF in the files section... It will help tremendously.

--- In FT897@yahoogroups.com, "dodge" <acr_96@...> wrote:
>
> Going to use it in the RV, with limited space, got fed up carring the 706 and power supply and tuner so I also got the FP30, and Automatic antenna, (one 'box to carry / setup).
>
> I'm half way through the manual so havn't been on the air yet.
>
> Ron VA6RP.
>

31481. Menu 75 Power per band

Yahoo group: FT897 (2010)
Date: 2010-10-17 04:33:05 UTC
From: Ken
Topic: 31481 Message: 31481

Was testing a new loop antenna and set the power on one band to 5 watts. When I changed bands went to menu 75 the power was also 5 watts,it should not have been.
I thought the power could be set for each band. Am I wrong ?

Ken w2bdp/0

31482. Re: [FT897] Menu 75 Power per band

Yahoo group: FT897 (2010)
Date: 2010-10-17 05:03:56 UTC
From: Rob Stampfli
Topic: 31481 Message: 31482

On Sun, Oct 17, 2010 at 04:33:05AM -0000, Ken wrote:
> Was testing a new loop antenna and set the power on one band to 5 watts. When I changed bands went to menu 75 the power was also 5 watts,it should not have been.
> I thought the power could be set for each band. Am I wrong ?

I think the "HF" bands are all lumped into one for power control
purposes. The 897's power control is divided into what are essentially
four separate band segments, each with individualized power settings:
HF, 6m, 2m, 70cm.

YMMV,
Rob / KD8WK

31483. Re: Menu 75 Power per band

Yahoo group: FT897 (2010)
Date: 2010-10-17 11:50:02 UTC
From: Dave Nelson
Topic: 31481 Message: 31483

Hi Ken,
I can confirm Rob's comments its able to be set for the 4 main
bands
as he stated :) NOT the individual HF ones

Dave
VK2TDN

At 08:15 PM 17/10/2010, you wrote:
>4b. Re: Menu 75 Power per band
> Posted by: "Rob Stampfli" res@... restamp
> Date: Sat Oct 16, 2010 10:04 pm ((PDT))
>I think the "HF" bands are all lumped into one for power control
>purposes. The 897's power control is divided into what are essentially
>four separate band segments, each with individualized power settings:
>HF, 6m, 2m, 70cm.
>Rob / KD8WK

31484. Re: [FT897] Menu 75 Power per band

Yahoo group: FT897 (2010)
Date: 2010-10-17 11:59:12 UTC
From: KenW
Topic: 31481 Message: 31484

That explains it

>On Sun, Oct 17, 2010 at 04:33:05AM -0000, Ken wrote:
>> Was testing a new loop antenna and set the power on one band to 5 watts. When I changed bands went to menu 75 the power was also 5 watts,it should not have been.
>> I thought the power could be set for each band. Am I wrong ?
>
>I think the "HF" bands are all lumped into one for power control
>purposes. The 897's power control is divided into what are essentially
>four separate band segments, each with individualized power settings:
>HF, 6m, 2m, 70cm.
>
>YMMV,
>Rob / KD8WK
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

Ken...W2BDP/0

31485. FT-897 shutting off

Yahoo group: FT897 (2010)
Date: 2010-10-17 15:36:39 UTC
From: bragucci
Topic: 31485 Message: 31485

My warranty is up in about 2 weeks. I recently noticed an issue and I'm not sure if I have a problem or not. I use an external antenna tuner, manual with a G5RV. When I tune up I have never lowered the power from the standard 100w. The unit will flash HSWR until I tweak the tuner and get it down. What is happening now is the radio is shutting itself off if the swr is around 3 and above. It has never shut itself off before. I assume this is a safety feature to protect the radio, but it's never shut off the radio before. You guys think I have a problem with the radio? Only thing that has me concerned is it has never shut off the radio before with high swr. I don't want to find a problem after the warranty expires. What you think??

Thx
Bart
kd8gtp

31486. Re: [FT897] FT-897 shutting off

Yahoo group: FT897 (2010)
Date: 2010-10-18 06:30:47 UTC
From: KB1TCD
Topic: 31485 Message: 31486

The radio will shut off due to prolonged high SWR.
You should never tune at 100 watts but reduce to 25 or 30w and switch to AM.
I started out using manual tuners but have since gone to automatic tuners such as the LDG made specifically for the 897; a lot quicker and worry free. Tunes G5RV and our other antennas without problems.

73 de KB1TCD

From: bragucci <bragucci@...>
To: FT897@yahoogroups.com
Sent: Sun, October 17, 2010 11:36:39 AM
Subject: [FT897] FT-897 shutting off

My warranty is up in about 2 weeks. I recently noticed an issue and I'm not sure if I have a problem or not. I use an external antenna tuner, manual with a G5RV. When I tune up I have never lowered the power from the standard 100w. The unit will flash HSWR until I tweak the tuner and get it down. What is happening now is the radio is shutting itself off if the swr is around 3 and above. It has never shut itself off before. I assume this is a safety feature to protect the radio, but it's never shut off the radio before. You guys think I have a problem with the radio? Only thing that has me concerned is it has never shut off the radio before with high swr. I don't want to find a problem after the warranty expires. What you think??

Thx
Bart
kd8gtp

[Non-text portions of this message have been removed]

31487. Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-18 13:03:21 UTC
From: Ian
Topic: 31487 Message: 31487

Hello,

I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

Ian 2E0ZQR

31488. Re: FT-897 shutting off

Yahoo group: FT897 (2010)
Date: 2010-10-18 13:04:23 UTC
From: colin.bell99
Topic: 31485 Message: 31488

Bart,

When the HSWR flashes it should reduce power. I am sure you are not doing your radio any favours.

However on a different thought, knowing nothing of your tuner, but why don't you make a list (spreadsheet?) of the different settings of your tuner for the different bands? Keep it by your tuner. That way if you change band you can adjust your tuner before you transmit and only have fine tuning to do. I'm sure your tx will thank you in the end.

I would also suggest you connect your transmitter output to a dummy load/power meter and check you are still getting the power you expect. That way you maybe able to get a problem resolved under warranty as if, as you say, the radio didn't shutdown and now it does, something has changed and it is likely to be in the high power part of the transmitter.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "bragucci" <bragucci@...> wrote:
>
> My warranty is up in about 2 weeks. I recently noticed an issue and I'm not sure if I have a problem or not. I use an external antenna tuner, manual with a G5RV. When I tune up I have never lowered the power from the standard 100w. The unit will flash HSWR until I tweak the tuner and get it down. What is happening now is the radio is shutting itself off if the swr is around 3 and above. It has never shut itself off before. I assume this is a safety feature to protect the radio, but it's never shut off the radio before. You guys think I have a problem with the radio? Only thing that has me concerned is it has never shut off the radio before with high swr. I don't want to find a problem after the warranty expires. What you think??
>
> Thx
> Bart
> kd8gtp
>

31489. Re: FT-897 shutting off

Yahoo group: FT897 (2010)
Date: 2010-10-18 13:55:56 UTC
From: g8hul
Topic: 31485 Message: 31489

Some food for thought; the suggestion is to reduce power before you start to tune when the VSWR is high; how does the radio reduce power? It uses exactly the same mechanism as the High VSWR protection uses to reduce the power. So once the power is reuced there is no difference between manually reducing the power and lettingthe VSWR protection circuit do it. But what about the inital state before the VSWR protection operates I hear you cry, well, it is well documented that the FT897 takes a while to reduce its power anyway, causing an initial overshoot regardless of the power that is set manually.

So there is probablly very little, or no, difference between letting the VSWR protection do the work and manually reducing power, and certainly once the power is wound back there is NO difference.

73
Jeff

31490. Re: FT-897 shutting off

Yahoo group: FT897 (2010)
Date: 2010-10-18 19:04:57 UTC
From: Radio_Randy
Topic: 31485 Message: 31490

My first thought is a high amount of RF in your shack. Could be why the radio is shutting itself off.

Like the other guys said, try tuning at a lower power level and see if it fixes the problem. After you're tuned, run the power up full and see if the radio still shuts off.

Randy N7CKJ

--- In FT897@yahoogroups.com, "bragucci" <bragucci@...> wrote:
>
> My warranty is up in about 2 weeks. I recently noticed an issue and I'm not sure if I have a problem or not. I use an external antenna tuner, manual with a G5RV. When I tune up I have never lowered the power from the standard 100w. The unit will flash HSWR until I tweak the tuner and get it down. What is happening now is the radio is shutting itself off if the swr is around 3 and above. It has never shut itself off before. I assume this is a safety feature to protect the radio, but it's never shut off the radio before. You guys think I have a problem with the radio? Only thing that has me concerned is it has never shut off the radio before with high swr. I don't want to find a problem after the warranty expires. What you think??
>
> Thx
> Bart
> kd8gtp
>

31491. RE: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-18 19:36:53 UTC
From: Robert Tuck
Topic: 31487 Message: 31491

The FT-89D uses two antenna connections one is for 2m/70cm and the other is for HF/6m. Using any antenna or piece of wire for that matter you should be able to receive strong stations. The proper antenna makes that reception much stronger.

Wer you trying to receive 6m/HF signals with the antenna connected to the 2m/70cm connection?

Or were you trying to receive 2m/70cm with the antenna connected to the HF/6m connection?

With these combinations, you would only hear VERY strong starions and very little noise.

The HF/6m connector is the one closest to the power connector.

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ian
Sent: Monday, October 18, 2010 09:03
To: FT897@yahoogroups.com
Subject: [FT897] Unfamiliar with the signal meter on the rig

Hello,

I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

Ian 2E0ZQR

[Non-text portions of this message have been removed]

31492. Re: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-18 20:00:33 UTC
From: Rob Stampfli
Topic: 31487 Message: 31492

On Mon, Oct 18, 2010 at 01:03:21PM -0000, Ian wrote:
> Hello,
>
> I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through
> the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

When you connect the center connector of a PL-259 to a radio and leave
the ring disconnected, you are in essence using the feedline (and antenna)
as a longwire against ground. If you hear a lot more QRN and signals in
this configuration than with the connector fully mated, it usually means
that there is either a fault in the antenna or feedline -- a short or
open circuit -- or the antenna is designed for a widely different band
than the one it is being used on. Check the antenna with an ohmmeter
to determine if it is shorted when it shouldn't be or vice versa. If
this doesn't detect any problems, your next step is usually to transmit
and see if there is a (very) high SWR, although admittedly, you may not
be able to do that with your current setup.

It looks like you diagnosed your problem as a bad PL-259 and resolved it.
Soldering 259s is an art: If you apply too much heat, you can melt the
interior insulation.

I once had a balun which had shorted internally, which was difficult to
detect because a balun should appear shorted in an ohmmeter check. The
only way to diagnose that one was through the process of elimination,
and the proof involved cutting the balun open with a hacksaw. That's
another reason why I prefer simple antennas.

YMMV. Good luck,
Rob / KD8WK

31493. RE: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-18 20:23:11 UTC
From: eric@van-de-weyer.org
Topic: 31487 Message: 31493

Hi Ian,

yes, the symptoms you are seeing can be correct.

With the short wire and with the centre only of the antenna coax connected,
you are picking up local noise near the radio but when you have the coax
correctly connected, the pickup of local noise is much reduced as the centre
is screened out to the end of the coax where the real antenna starts.

The noise being picked up is probably from a switchmode power supply or other
piece of equipment in the room where the radio is, possibly the PSU you are
running the radio on.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "Ian" <ian.munro@...>
>Date: Mon, 18 Oct 2010 13:03:21 -0000
>Subject: [FT897] Unfamiliar with the signal meter on the rig
>Reply-To: FT897@yahoogroups.com
>
>
>Hello,
>
> I'm new to Amateur radio and only recently bought a FT897 and a tri-band
>vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow
>me to transmit so I'm just listening for now. Before I had the antenna I
>just had a single wire out the back to see what I could hear. The answer
>was not much but plenty of noise (about 5 on the signal strength meter).
>Once I connected the new antenna I noticed that the meter no longer registered
>any noise (FM 2m). I used the built in scope feature and the 2m band seemed
>dead. I then tried my bit of wire and up came the noise and I had bars showing
>on the scope. I assumed there must be a problem with the antenna so at the
>weekend I took it all down but the cabling seemed fine so I took off the
>coaxial plug at the rig end and placed just the central core into the radio.
>I then got plenty of noise on the meter. As soon as I connected the coax
>screen to the rig the noise disappeared. Not knowing if this was correct
>I replaced the p
> lug. The next day I went through the bands and picked up some international
>stations on HF and some more local ones on 2m. I guess this means that the
>antenna is ok? Is this correct to have no noise showing on the meter ? The
>meter does show readings when I get a proper signal. When I used a CB radio
>20 or so years ago, I'm sure I would get meter readings with the noise.
>
> Ian 2E0ZQR

>
>
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>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

31494. Static on receive

Yahoo group: FT897 (2010)
Date: 2010-10-18 23:09:20 UTC
From: Leon
Topic: 31494 Message: 31494

Hi all ....I have a friend that has a 857D . Since the 897 and 857 are identical, i thought i will ask .
He is getting static on all signal on all bands ... He believes that he may have used another radio on the same band as the 857D ....Any idea what could have gone wrong ??????

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

31495. Re: [FT897] Static on receive

Yahoo group: FT897 (2010)
Date: 2010-10-18 23:17:36 UTC
From: PY5VB-Villas Boas
Topic: 31494 Message: 31495

Leon:

Do download this pdf document:
http://forum.qrz.ru/attachment.php?attachmentid=37335&d=1283187330
<http://www.google.com.br/search?hl=pt-BR&q=%2Baa7fv+%2B%22fix+for+FT-857%22&aq=f&aqi=&aql=&oq=&gs_rfai=>

This mod solve your problem with FT-857/897

73, Villas - PY5VB

Em 18/10/2010 21:09, Leon escreveu:
>
> Hi all ....I have a friend that has a 857D . Since the 897 and 857 are
> identical, i thought i will ask .
> He is getting static on all signal on all bands ... He believes that
> he may have used another radio on the same band as the 857D ....Any
> idea what could have gone wrong ??????
>
> Leon Singh - 9Z4BM
> http://9z4bm.tripod.com/
> http://9z4bm-hamradio.tripod.com/
>
> I am able to do all things through Christ who strengthens me .
>
>

[Non-text portions of this message have been removed]

31496. New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-10-18 18:02:08 UTC
From: gd1mip
Topic: 31496 Message: 31496

Hello I have just got a new FT-897D.

I would like to open it to 5mhz. what is the recommended way?

Also I have made a CAT interface and data interface for HRD and PSK etc. I have found all works ok but the PC will not make the radio TX. am I missing somthing?

Thanks Andy

31497. Re: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-18 13:45:37 UTC
From: Peter Miller
Topic: 31487 Message: 31497

On AM and SSB mode, there should some low level static in the absence of signals, possibly not enough to move the S meter. At night, you should pick up plenty of signals and static on the 40 and 80 meter bands, even with a short wire antenna. Many of the shortwave broadcast signals on the 40 meter band should peg the meter all the way!
Other good place to look at the standard time frequencies at 5, 10, 15 and 20 mHz.

W1AMJ
Prospect CT

--- On Mon, 10/18/10, Ian <ian.munro@grosvenortechnology.com> wrote:

From: Ian <ian.munro@...>
Subject: [FT897] Unfamiliar with the signal meter on the rig
To: FT897@yahoogroups.com
Date: Monday, October 18, 2010, 9:03 AM

Hello,

I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

Ian 2E0ZQR

[Non-text portions of this message have been removed]

31498. What is the right way to do test transmissions?

Yahoo group: FT897 (2010)
Date: 2010-10-19 12:36:02 UTC
From: Ian
Topic: 31498 Message: 31498

Hello,

I've just bought a PSU for my FT897. I want to check the SWR of my antenna using the inbuilt SWR meter. As I am new to Amateur radio I don't want to upset anyone with my test transitions. How should I go about doing this? I guess I should keep the power as low as possible, listen so see if anyone is using the frequency. When I key the mic, should I give my call sign or say I'm testing etc?

Ian 2E0ZQR

31499. Re: [FT897] What is the right way to do test transmissions?

Yahoo group: FT897 (2010)
Date: 2010-10-19 13:22:53 UTC
From: Paul Harris
Topic: 31498 Message: 31499

Just say test transmission from followed by your call sign. After checking to see if frequency is clear. Paul KB2VEC

--- On Tue, 10/19/10, Ian <ian.munro@...> wrote:

From: Ian <ian.munro@grosvenortechnology.com>
Subject: [FT897] What is the right way to do test transmissions?
To: FT897@yahoogroups.com
Date: Tuesday, October 19, 2010, 8:36 AM

Hello,

I've just bought a PSU for my FT897. I want to check the SWR of my antenna using the inbuilt SWR meter. As I am new to Amateur radio I don't want to upset anyone with my test transitions. How should I go about doing this? I guess I should keep the power as low as possible, listen so see if anyone is using the frequency. When I key the mic, should I give my call sign or say I'm testing etc?

Ian 2E0ZQR

[Non-text portions of this message have been removed]

31500. Re: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-19 20:07:55 UTC
From: Danny Loyd
Topic: 31487 Message: 31500

Ian,

If you SQL is set properly on the 2 meter FM, you will have no noise level indicated on the meter until someone actually is transmitting on the frequency.

Danny
KE5WDI

From: Ian <ian.munro@...>
To: FT897@yahoogroups.com
Sent: Mon, October 18, 2010 8:03:21 AM
Subject: [FT897] Unfamiliar with the signal meter on the rig

Hello,

I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

Ian 2E0ZQR

[Non-text portions of this message have been removed]

31501. Re: [FT897] New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-10-19 20:12:09 UTC
From: Danny Loyd
Topic: 31496 Message: 31501

Andy,

For the PSK, make sure your are in USB for your mode and not DIG when using a soundcard. Also make sure your Mic Processor is not on. The PC will not modulate the transceiver if the Processor is on. I learned this from experience.

Danny
KE5WDI

From: gd1mip <gd1mip@...>
To: FT897@yahoogroups.com
Sent: Mon, October 18, 2010 1:02:08 PM
Subject: [FT897] New owner advice please on extending bands and CAR control

Hello I have just got a new FT-897D.

I would like to open it to 5mhz. what is the recommended way?

Also I have made a CAT interface and data interface for HRD and PSK etc. I have found all works ok but the PC will not make the radio TX. am I missing somthing?

Thanks Andy

[Non-text portions of this message have been removed]

31502. Re: [FT897] New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-10-20 00:41:16 UTC
From: Dale Blanchard
Topic: 31496 Message: 31502

The 5 mhz channels are in the memories. The 5 mhz band is channelized.
Some regs are different from other bands also.
You do not need to open it up.
Dale

On 10/18/2010 11:02 AM, gd1mip wrote:
>
>
> Hello I have just got a new FT-897D.
>
> I would like to open it to 5mhz. what is the recommended way?
>
> Also I have made a CAT interface and data interface for HRD and PSK etc.
> I have found all works ok but the PC will not make the radio TX. am I
> missing somthing?
>
> Thanks Andy
>

31503. 60m operation control

Yahoo group: FT897 (2010)
Date: 2010-10-20 01:23:41 UTC
From: Rob Stampfli
Topic: 31496 Message: 31503

Just curious: I understand the FCC is considering several changes to the 60m band, including (1) adding additional channels, (2) moving one channel, and (3) allowing additional modes of operation. If this comes to pass, does anyone know if Yaesu has an upgrade path which would allow us existing 897D owners to keep current and take advantage of these changes?

BTW, here's a 60m tip to you 897 owners who also have an LDG AT-897Plus tuner: The 897 only allows USB mode to be selected on the 60m memory channels, so the tuner, which uses the CAT interface to put the 897 in AM mode for the tune cycle, will not tune on the 60m channels without some help. On a lark, I took a deep breath one day, hit the Tune button on the LDG, and blew a long whistle into the mic, and it worked. If you run out of breath before the LDG is finished tuning -- which is quite possible -- the tuner will even pause momentarily while you inhale, and pick up where it left off as soon as you re-commence whistling into the mic. Just remember to set your PO down to 50W before you do this. (And, no, I don't want to get into a debate over the legality of using this technique. I'll leave it up to each individual to determine if this constitutes proper USB operation on 60m, but I can attest it does work for me.)

Rob / KD8WK

On Tue, Oct 19, 2010 at 05:41:16PM -0700, Dale Blanchard wrote:
> The 5 mhz channels are in the memories. The 5 mhz band is channelized.
> Some regs are different from other bands also.
> You do not need to open it up.
> Dale
>
> On 10/18/2010 11:02 AM, gd1mip wrote:
> >
> > Hello I have just got a new FT-897D.
> >
> > I would like to open it to 5mhz. what is the recommended way?

31504. Re: 60m operation control

Yahoo group: FT897 (2010)
Date: 2010-10-20 06:28:54 UTC
From: g8hul
Topic: 31496 Message: 31504

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> Just curious: I understand the FCC is considering several changes to
> the 60m band, including (1) adding additional channels, (2) moving one
> channel, and (3) allowing additional modes of operation. If this comes
> to pass, does anyone know if Yaesu has an upgrade path which would allow
> us existing 897D owners to keep current and take advantage of these
> changes?
>

You will have to do what the rest of the world has to do where the 5MHz channels do not line up with the pre-programmed US ones (which are not accesable on non-US models any way) and that is do the wide band mod.

By the way the OP was a UK station where you have to do the mod to get 5MHz Tx. Also there are no mode restructions in the UK.

73
Jeff

31505. Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 15:49:39 UTC
From: cergender
Topic: 31505 Message: 31505

Hi there!

It took me a long time to find out what is the meaning of that running man in FT-897 display. However I still have not found any explanation in the manual. Is there any explanation there at all or is it just that you have to find out it in other ways? Very strange indeed.

Ben

31506. Re: [FT897] Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 16:17:48 UTC
From: Roger Hunt
Topic: 31505 Message: 31506

Hi The running man indicates that you are using the faster of two tuning rates in this case the fast one. A touch on the blue button stops the man and switches to the slower rate...

Roger Hunt. G3PVU Lincoln Uk (ex SU9VU)

--- On Wed, 20/10/10, cergender <cergender@...> wrote:

From: cergender <cergender@...>
Subject: [FT897] Running man in Display
To: FT897@yahoogroups.com
Date: Wednesday, 20 October, 2010, 16:49

Hi there!

It took me a long time to find out what is the meaning of that running man in FT-897 display. However I still have not found any explanation in the manual. Is there any explanation there at all or is it just that you have to find out it in other ways?

Very strange indeed.

Ben

[Non-text portions of this message have been removed]

31507. RE: [FT897] Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 16:19:46 UTC
From: Brian Forney
Topic: 31505 Message: 31507

Hi Ben:

In my FT-897D manual it is covered in "Front Panel Controls & Switches" section in the "Power Switch" subsection. It is also covered in more detail in the "Operation" section under "Changing the Dial Speed".

Hope this helps.

73,

Brian (K7TKT)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of cergender
Sent: Wednesday, October 20, 2010 9:50 AM
To: FT897@yahoogroups.com
Subject: [FT897] Running man in Display

Hi there!

It took me a long time to find out what is the meaning of that running man in FT-897 display. However I still have not found any explanation in the manual. Is there any explanation there at all or is it just that you have to find out it in other ways?
Very strange indeed.

Ben

[Non-text portions of this message have been removed]

31508. Re: [FT897] Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 18:25:46 UTC
From: Carl Wulfestieg
Topic: 31505 Message: 31508

Ben-
Sure, the "Running Man" explanation is in the manual. On about page 12 in the manual, in the description of "(5) POWER Switch. It's all there.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31509. Re: [FT897] Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 18:49:00 UTC
From: K9ZTV
Topic: 31505 Message: 31509

Early manuals omitted it.

Later ones included it.

73,

Kent K9ZTV

On 10/20/2010 10:49 AM, cergender wrote:
>
> Hi there!
>
> It took me a long time to find out what is the meaning of that running
> man in FT-897 display. However I still have not found any explanation
> in the manual. Is there any explanation there at all or is it just
> that you have to find out it in other ways?
> Very strange indeed.
>
>

[Non-text portions of this message have been removed]

31510. Re: [FT897] Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-20 19:28:38 UTC
From: Florentin Nastase
Topic: 31505 Message: 31510

In HF & VHF/UHF the rate is 10Hz for slow (stop man) and 100Hz for fast (running man) when you use DIAL in SSB&DIG

For SELECT tuning it's 1Khz (slow) or 2Khz (fast) for 1Khz step select for SSB

Florentin / YO9BXC.

--- On Wed, 10/20/10, Roger Hunt <g3pvu@...> wrote:

From: Roger Hunt <g3pvu@...>
Subject: Re: [FT897] Running man in Display
To: FT897@yahoogroups.com
Date: Wednesday, October 20, 2010, 9:17 AM

Hi The running man indicates that you are using the faster of two tuning rates in this case the fast one. A touch on the blue button stops the man and switches to the slower rate...

Roger Hunt. G3PVU Lincoln Uk (ex SU9VU)

--- On Wed, 20/10/10, cergender <cergender@...> wrote:

From: cergender <cergender@...>

Subject: [FT897] Running man in Display

To: FT897@yahoogroups.com

Date: Wednesday, 20 October, 2010, 16:49

Hi there!

It took me a long time to find out what is the meaning of that running man in FT-897 display. However I still have not found any explanation in the manual. Is there any explanation there at all or is it just that you have to find out it in other ways?

Very strange indeed.

Ben

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31511. Re: What is the right way to do test transmissions?

Yahoo group: FT897 (2010)
Date: 2010-10-20 23:23:28 UTC
From: Radio_Randy
Topic: 31498 Message: 31511

Make sure to use AM or FM mode for your tests, otherwise, you won't generate a carrier. Then, switch back to SSB to identify.

If you have the resources, you would be better off with an antenna analyzer like the MFJ-269 or equivalent. You don't have to identify with those, HI.

Randy N7CKJ

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
> I've just bought a PSU for my FT897. I want to check the SWR of my antenna using the inbuilt SWR meter. As I am new to Amateur radio I don't want to upset anyone with my test transitions. How should I go about doing this? I guess I should keep the power as low as possible, listen so see if anyone is using the frequency. When I key the mic, should I give my call sign or say I'm testing etc?
>
> Ian 2E0ZQR
>

31512. Re: New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-10-20 23:20:05 UTC
From: Radio_Randy
Topic: 31496 Message: 31512

Go to the mods.dk Web site and download the instructions from there on "widebanding" your radio. I did this in order to get my 897D to work on our local state government channels (legally).

Randy N7CKJ

--- In FT897@yahoogroups.com, "gd1mip" <gd1mip@...> wrote:
>
> Hello I have just got a new FT-897D.
>
> I would like to open it to 5mhz. what is the recommended way?
>
> Also I have made a CAT interface and data interface for HRD and PSK etc. I have found all works ok but the PC will not make the radio TX. am I missing somthing?
>
>
> Thanks Andy
>

31513. [FT897] LDG AT897 tuner

Yahoo group: FT897 (2010)
Date: 2010-10-19 06:31:16 UTC
From: Catalin Gales
Topic: 31474 Message: 31513

One of the many....
http://www.eserviceinfo.com/downloadsm/3454/Yaesu_fc30.html

73
Romeo, YO4RST

De la: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] ?n numele vr2xmc
Trimis: 14 octombrie 2010 17:07
C?tre: FT897@yahoogroups.com
Subiect: [FT897] LDG AT897 tuner

Hello Group,

Ihave my AT897plus with my FT897D. Can this LDG tuner be used with Elecraft K3? If yes, how should I wire the interface cable.

Similarly, where can I find the schematic diagram of Yaesu FC30 autotuner?

Thanks for your assistance in advance.

73

Johnny VR2XMC

[Non-text portions of this message have been removed]

31514. Re: [FT897] Unfamiliar with the signal meter on the rig

Yahoo group: FT897 (2010)
Date: 2010-10-20 09:38:23 UTC
From: ROBERT FAREY
Topic: 31487 Message: 31514

Hi As an instructor i have noticed the clubs carrying out the courses on amateur radio, are very wanting.
Here in the united kingdom this is usually done in radio club.where a certain fact has to be pointed out in the beginning of the instruction to those who in the past have used C.B. equipment.
Amateur radio is a different league. If you think it is anything remotely like CB you are in for a few shocks.
We generally help one another unless you start trying telling us you know it all. then we clam up and let you make mistakes, like burn radio output stages out because you will not listen to advice that is human nature.
Amateur radio can be the best thing ever but be a listener first of all, you will loads of rubbish and some wisdom and it takes a while to know the difference.
If it sound stupid it probably is. we have people who say they know it all, no they don't they are the idiots, this hobby is so diverse and complex and is also full of some idiots.
The signal meter on a rig can be just a guide and should never be taken as the absolute truth.
with a screwdriver you can make it read just what you like, the S meter being a good example.
the modern idea of putting a vswr meter integral with the radio is going to cause a lot of pain and tears.
even some external ones if cheap like the old CB ones will be no better.
Power supplies, this does cause a lot of issues, sorry but the cheap switch mode may be fine for FM as it is a constant power source and drain.
but listen to one with AM and you will hear it's frequency change the more power is taken.
many a problem as well as injecting noise into the radio. i know a lot don't agree with me but it has to be either a linear or a good old fashioned car battery for me for a noise free power source.
one very other essential item is either a ATU or a AATU what ever rocks your boat unless you get good at cutting antenna's to resonant at the correct length.
Modern transcievers don't cope with poor vswr, they either shut down or burn out the final transistors.
So the choice is yours buying the radio was one expense but being able to operate it takes extra equipment which you will need to purchase or adapt other ways.

Regards Robert G6LLP

--- On Tue, 19/10/10, Danny Loyd <ke5wdi@...> wrote:

From: Danny Loyd <ke5wdi@...>
Subject: Re: [FT897] Unfamiliar with the signal meter on the rig
To: FT897@yahoogroups.com
Date: Tuesday, 19 October, 2010, 21:07

Ian,

If you SQL is set properly on the 2 meter FM, you will have no noise level

indicated on the meter until someone actually is transmitting on the frequency.

Danny

KE5WDI

From: Ian <ian.munro@grosvenortechnology.com>

To: FT897@yahoogroups.com

Sent: Mon, October 18, 2010 8:03:21 AM

Subject: [FT897] Unfamiliar with the signal meter on the rig

Hello,

I'm new to Amateur radio and only recently bought a FT897 and a tri-band vertical antenna (6m, 2m & 70cm). As yet I don't have a PSU that will allow me to transmit so I'm just listening for now. Before I had the antenna I just had a single wire out the back to see what I could hear. The answer was not much but plenty of noise (about 5 on the signal strength meter). Once I connected the new antenna I noticed that the meter no longer registered any noise (FM 2m). I used the built in scope feature and the 2m band seemed dead. I then tried my bit of wire and up came the noise and I had bars showing on the scope. I assumed there must be a problem with the antenna so at the weekend I took it all down but the cabling seemed fine so I took off the coaxial plug at the rig end and placed just the central core into the radio. I then got plenty of noise on the meter. As soon as I connected the coax screen to the rig the noise disappeared. Not knowing if this was correct I replaced the plug. The next day I went through the bands and picked up some international stations on HF and some more local ones on 2m. I guess this means that the antenna is ok? Is this correct to have no noise showing on the meter ? The meter does show readings when I get a proper signal. When I used a CB radio 20 or so years ago, I'm sure I would get meter readings with the noise.

Ian 2E0ZQR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31515. Re: [FT897] What is the right way to do test transmissions?

Yahoo group: FT897 (2010)
Date: 2010-10-19 12:45:30 UTC
From: Joel Jameson
Topic: 31498 Message: 31515

Ian,

The safest is to use a dummy load. Not that expensive to either make or buy.

http://en.wikipedia.org/wiki/Dummy_load

--
Joel
W0KGW

On Oct 19, 2010, at 7:36 AM, Ian wrote:

> Hello,
>
> I've just bought a PSU for my FT897. I want to check the SWR of my antenna using the inbuilt SWR meter. As I am new to Amateur radio I don't want to upset anyone with my test transitions. How should I go about doing this? I guess I should keep the power as low as possible, listen so see if anyone is using the frequency. When I key the mic, should I give my call sign or say I'm testing etc?
>
> Ian 2E0ZQR
>
>

[Non-text portions of this message have been removed]

31516. New to Ft 897 group

Yahoo group: FT897 (2010)
Date: 2010-10-19 20:40:21 UTC
From: Peter
Topic: 31516 Message: 31516

Hi all, I thought it might be a good idea to join the group, I have had my 897D for some time now, however, normally when I go to Barbados I take my 817 or IC 703, this time I am going to take the 897D, a bit more ooomph, a wire in a palm tree or my kite as a antenna, my call there is 8P9CC, hope to work some of you first two weeks of December.

73
Peter G0KOK, G6USA, 8P9CC

31517. Re: [FT897] What is the right way to do test transmissions?

Yahoo group: FT897 (2010)
Date: 2010-10-20 08:46:29 UTC
From: ROBERT FAREY
Topic: 31498 Message: 31517

Hi Ian
The built in swr meter is meant as a guide and is not to be taken literatrally. purchase a dedicated one for the bands you are going to use.
in most cases up to 150mhz one will do. The old c.b. ones are generally useless.
you also need a dummy load so when taking measurements you have a standard to work to. it should be rated larger than the power you will get from the radio.
when you have established that the radio is putting out its full power usually done on FM mode because whistling up a carrier tends to be inaccurate.
check the audio out usually best on a vhf call to either a simplex channel such as 145.500.mhz.
after having checked that the aerial is at a vswr of less than 3:1.
the return loss which is what the vswr is will be a factor in how much power one is transmitting.
when testing this ft897 on the HF bands an additional ATU would be a good idea unless you know how to cut a antenna to the correct length.
Tuning up of the radio up on a frequency is the next thing to do, using an ATU, using low power you may need to make several adjustments, so listen first to make sure no one is using the frequency.
Listening and asking if the frequency you have chosen is clear is good manners and should always used.
when you recieve no reply after a couple of minutes , that would indicate a clear frequency.
i would suggest to try the the vswr on the antenna with the ATU set up use low power and make a CQ CALL and it needs to be a long call not a 5 second wonder as this is the usual mistake a 15 -20 secs call should produce some reply but if this fails remember some one has to hear you and adjust themselves to your frequecy and then call you back so it could take several fruitless calls and about 5-10 minutes before you get a reply.
take it slow to start with as it will cause you to get tongue tied, if it doesn't it will at some stage. several overs maybe required to establish the callsign of the othere station.
GOOD DXing Regards Robert G6LLP

--- On Tue, 19/10/10, Ian <ian.munro@...> wrote:

From: Ian <ian.munro@grosvenortechnology.com>
Subject: [FT897] What is the right way to do test transmissions?
To: FT897@yahoogroups.com
Date: Tuesday, 19 October, 2010, 13:36

Hello,

I've just bought a PSU for my FT897. I want to check the SWR of my antenna using the inbuilt SWR meter. As I am new to Amateur radio I don't want to upset anyone with my test transitions. How should I go about doing this? I guess I should keep the power as low as possible, listen so see if anyone is using the frequency. When I key the mic, should I give my call sign or say I'm testing etc?

Ian 2E0ZQR

[Non-text portions of this message have been removed]

31518. Re: [FT897] New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-10-19 21:24:19 UTC
From: Robert Gray
Topic: 31496 Message: 31518

--- On Tue, 10/19/10, Danny Loyd <ke5wdi@...> wrote:

From: Danny Loyd <ke5wdi@...>
Subject: Re: [FT897] New owner advice please on extending bands and CAR control
To: FT897@yahoogroups.com
Date: Tuesday, October 19, 2010, 3:12 PM

Andy,

For the PSK, make sure your are in USB for your mode and not DIG when using a soundcard. Also make sure your Mic Processor is not on. The PC will not modulate the transceiver if the Processor is on. I learned this from experience.

Danny
KE5WDI

From: gd1mip <gd1mip@...>
To: FT897@yahoogroups.com
Sent: Mon, October 18, 2010 1:02:08 PM
Subject: [FT897] New owner advice please on extending bands and CAR control

Hello I have just got a new FT-897D.

I would like to open it to 5mhz. what is the recommended way?

Also I have made a CAT interface and data interface for HRD and PSK etc. I have found all works ok but the PC will not make the radio TX. am I missing somthing?

Thanks Andy

[Non-text portions of this message have been removed]

Andy:

If your FT897d is like mine, the 60 meter channels are already in the memory bank. Hit the V/M button on the upper right, and there they are.
if you' ve entered any thing into memory, that will come up first, but if you hunt around a bit (use the mem/vfo knob) you will find them. See page
23 in the operator manual.

73!de Bob AE5BV

31519. Re: Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-21 05:21:56 UTC
From: Radio_Randy
Topic: 31424 Message: 31519

In a Jeep (I drove a CJ7 for 18 years), I would get a 40m Ham Stick on a ball mount and a Larsen dual band antenna for the VHF/UHF portion. Since you have two antenna connectors...why not utilize both?

--- In FT897@yahoogroups.com, "pomerom" <mp@...> wrote:
>
> Have spent a lot of time reading & learning from this group. About to purchase an FT-897D and think I have some understanding of the antenna options. But what I need to know is what do you like; what really works for you in your real world. What don't you like that'd be a waste of $$??
>
> In my particular circumstance I will need to use both VHF/UHF and also to 40M.
>
> I want to use this rig in my Jeep, on my boat, and sometimes as a base station. So mobile and fixed are both important to me.
>
> Any & all real life experiences and advice you can give will be most appreciated ....
>

31520. extending the range of 118 to 137

Yahoo group: FT897 (2010)
Date: 2010-10-21 05:56:18 UTC
From: Iain
Topic: 31520 Message: 31520

Hi All

Does anyone know if it possible to extend the upper range of the 118 to 137 band up to 138 Mhz ?

If it is possible how's it done ?

Thanks in anticipation

Iain G4DPF

[Non-text portions of this message have been removed]

31521. Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 07:07:28 UTC
From: cergender
Topic: 31505 Message: 31521

OK. I seem to have one of the early manuals.

Ben

--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> Early manuals omitted it.
>
> Later ones included it.
>
> 73,
>
> Kent K9ZTV
>
>
>
>
>
> On 10/20/2010 10:49 AM, cergender wrote:
> >
> > Hi there!
> >
> > It took me a long time to find out what is the meaning of that running
> > man in FT-897 display. However I still have not found any explanation
> > in the manual. Is there any explanation there at all or is it just
> > that you have to find out it in other ways?
> > Very strange indeed.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

31522. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 16:56:15 UTC
From: P Grant
Topic: 31505 Message: 31522

Hello Roger, Re Message #2... Running Man in Display.

I have both the FT-857 and FT-897 radios... I have no "BLUE button"
Does it apear when you select a given menue ???

Thanks in advance

73 Peter _____ EI4HX ei4hxperimental@...

----- Original Message -----
From: cergender
To: FT897@yahoogroups.com
Sent: Thursday, October 21, 2010 8:07 AM
Subject: [FT897] Re: Running man in Display

OK. I seem to have one of the early manuals.

Ben

--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> Early manuals omitted it.
>
> Later ones included it.
>
> 73,
>
> Kent K9ZTV
>
>
>
>
> On 10/20/2010 10:49 AM, cergender wrote:
> >
> > Hi there!
> >
> > It took me a long time to find out what is the meaning of that running
> > man in FT-897 display. However I still have not found any explanation
> > in the manual. Is there any explanation there at all or is it just
> > that you have to find out it in other ways?
> > Very strange indeed.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31523. Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 17:21:32 UTC
From: cergender
Topic: 31505 Message: 31523

"BLUE button"
It must be the main power switch :-)
At least that one is blue on my rig.

Ben

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
> Hello Roger, Re Message #2... Running Man in Display.
>
> I have both the FT-857 and FT-897 radios... I have no "BLUE button"
> Does it apear when you select a given menue ???
>
> Thanks in advance
>
> 73 Peter _____ EI4HX ei4hxperimental@...
>
>
> ----- Original Message -----
> From: cergender
> To: FT897@...m
> Sent: Thursday, October 21, 2010 8:07 AM
> Subject: [FT897] Re: Running man in Display
>
>
>
>
> OK. I seem to have one of the early manuals.
>
> Ben
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@> wrote:
> >
> > Early manuals omitted it.
> >
> > Later ones included it.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> >
> > On 10/20/2010 10:49 AM, cergender wrote:
> > >

> > > Hi there!
> > >
> > > It took me a long time to find out what is the meaning of that running
> > > man in FT-897 display. However I still have not found any explanation
> > > in the manual. Is there any explanation there at all or is it just
> > > that you have to find out it in other ways?
> > > Very strange indeed.
> > >
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

31524. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 17:22:56 UTC
From: Michael Hughey
Topic: 31505 Message: 31524

The "running man" is the indicator for fast tuning. It it activated/deactivated by momentarily pressing the power on key. Just press it again to deactivate it.

Mike - KF4DUS

Sent from my iPod

On Oct 21, 2010, at 1:07, "cergender" <cergender@...> wrote:

> OK. I seem to have one of the early manuals.
>
> Ben
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
> >
> > Early manuals omitted it.
> >
> > Later ones included it.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> >
> > On 10/20/2010 10:49 AM, cergender wrote:
> > >
> > > Hi there!
> > >
> > > It took me a long time to find out what is the meaning of that running
> > > man in FT-897 display. However I still have not found any explanation
> > > in the manual. Is there any explanation there at all or is it just
> > > that you have to find out it in other ways?
> > > Very strange indeed.
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

31525. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 17:27:07 UTC
From: Michael Hughey
Topic: 31505 Message: 31525

There is no blue button on the FT 857 and apparently Yaesu left the color of the POWER ON button to NOT be blue. Momentarily pressing the POWER button to activate/deactivate FAST TUNING.

Mike - KF4DUS

Sent from my iPod

On Oct 21, 2010, at 10:56, "P Grant" <ei4hxperimental@...> wrote:

> Hello Roger, Re Message #2... Running Man in Display.
>
> I have both the FT-857 and FT-897 radios... I have no "BLUE button"
> Does it apear when you select a given menue ???
>
> Thanks in advance
>
> 73 Peter _____ EI4HX ei4hxperimental@...
>
> ----- Original Message -----
> From: cergender
> To: FT897@yahoogroups.com
> Sent: Thursday, October 21, 2010 8:07 AM
> Subject: [FT897] Re: Running man in Display
>
> OK. I seem to have one of the early manuals.
>
> Ben
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
> >
> > Early manuals omitted it.
> >
> > Later ones included it.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> >
> > On 10/20/2010 10:49 AM, cergender wrote:
> > >
> > > Hi there!
> > >

> > > It took me a long time to find out what is the meaning of that running
> > > man in FT-897 display. However I still have not found any explanation
> > > in the manual. Is there any explanation there at all or is it just
> > > that you have to find out it in other ways?
> > > Very strange indeed.
> > >
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> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

31526. Re: [FT897] Re: Antenna's that do the job

Yahoo group: FT897 (2010)
Date: 2010-10-21 17:52:42 UTC
From: Michael Hughey
Topic: 31424 Message: 31526

I have the Yaesu ATAS 120 screwdriver for HF and the Comet CSB 790A dual band. Both are mounted on K400 gutter lip mounts on the top edge of both back doors on my S-10 pickup. The ATAS does an ok job, it won't tune everywhere. Neither will the FC-30 automatic tuner. I ended up going back to an MFJ 986 tuner for my wires at home. I wish I'd done more research on the HF or I would have gotten a Hi Q HyGain screwdriver.

Mike -KF4DUS

Sent from my iPod

On Oct 20, 2010, at 23:21, "Radio_Randy" <rjones@...> wrote:

> In a Jeep (I drove a CJ7 for 18 years), I would get a 40m Ham Stick on a ball mount and a Larsen dual band antenna for the VHF/UHF portion. Since you have two antenna connectors...why not utilize both?
>
> --- In FT897@yahoogroups.com, "pomerom" <mp@...> wrote:
> >
> > Have spent a lot of time reading & learning from this group. About to purchase an FT-897D and think I have some understanding of the antenna options. But what I need to know is what do you like; what really works for you in your real world. What don't you like that'd be a waste of $$??
> >
> > In my particular circumstance I will need to use both VHF/UHF and also to 40M.
> >
> > I want to use this rig in my Jeep, on my boat, and sometimes as a base station. So mobile and fixed are both important to me.
> >
> > Any & all real life experiences and advice you can give will be most appreciated ....
> >
>
>

[Non-text portions of this message have been removed]

31527. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 20:20:27 UTC
From: Patrick
Topic: 31505 Message: 31527

The "running man" simply means the 897, is in the "jog" mode, for a faster
PTO tuning step.

On Thu, Oct 21, 2010 at 3:07 AM, cergender <cergender@yahoo.com> wrote:

>
>
> OK. I seem to have one of the early manuals.
>
> Ben
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, K9ZTV <k9ztv@...>
> wrote:
> >
> > Early manuals omitted it.
> >
> > Later ones included it.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> >
> > On 10/20/2010 10:49 AM, cergender wrote:
> > >
> > > Hi there!
> > >
> > > It took me a long time to find out what is the meaning of that running
> > > man in FT-897 display. However I still have not found any explanation
> > > in the manual. Is there any explanation there at all or is it just
> > > that you have to find out it in other ways?
> > > Very strange indeed.
> > >
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> >
> > [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

31528. Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-22 09:14:00 UTC
From: graham
Topic: 31505 Message: 31528

It's the power button on the 897

73s Graham m3oel
--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
> Hello Roger, Re Message #2... Running Man in Display.
>
> I have both the FT-857 and FT-897 radios... I have no "BLUE button"
> Does it apear when you select a given menue ???
>
> Thanks in advance
>
> 73 Peter _____ EI4HX ei4hxperimental@...
>
>
> ----- Original Message -----
> From: cergender
> To: FT897@yahoogroups.com
> Sent: Thursday, October 21, 2010 8:07 AM
> Subject: [FT897] Re: Running man in Display
>
>
>
> OK. I seem to have one of the early manuals.
>
> Ben
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@> wrote:
> >
> > Early manuals omitted it.
> >
> > Later ones included it.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> >
> >
> > On 10/20/2010 10:49 AM, cergender wrote:
> > >
> > > Hi there!
> > >
> > > It took me a long time to find out what is the meaning of that running

> > > man in FT-897 display. However I still have not found any explanation
> > > in the manual. Is there any explanation there at all or is it just
> > > that you have to find out it in other ways?
> > > Very strange indeed.
> > >
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> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

31529. AM does not respond to CAT PTT

Yahoo group: FT897 (2010)
Date: 2010-10-22 13:44:07 UTC
From: ridge_bo
Topic: 31529 Message: 31529

Hi everybody,

I fail to get my FT897D to be keyed in AM mode when using my PC. The PTT and modulation is working in SSB or any other mode, except AM. No modulation and no PTT. I am using a homebrew serial interface for keying the rig for years (btw: AM works perfectly using the mike.)
Now I'm starting to wonder if it is at all possible in AM...? I would have liked to replay on-the-fly recorded modulation tests during my AM ragchew evenings.

Many thanks in advance,
Bo rs1ri

31530. Inapropriate Links

Yahoo group: FT897 (2010)
Date: 2010-10-22 15:15:17 UTC
From: Stuart
Topic: 31530 Message: 31530

Can the moderators please remove the inapropriate links thst have appeared in the links section.

73,
Stuart, GD0OUD

31531. Re: [FT897] AM does not respond to CAT PTT

Yahoo group: FT897 (2010)
Date: 2010-10-22 15:59:43 UTC
From: PY5VB-Villas Boas
Topic: 31529 Message: 31531

RFI in your interface ?
Put a low power (5W) AM and try if PTT keying.

73, Villas - PY5VB

Em 22/10/2010 11:44, ridge_bo escreveu:
>
> Hi everybody,
>
> I fail to get my FT897D to be keyed in AM mode when using my PC. The
> PTT and modulation is working in SSB or any other mode, except AM. No
> modulation and no PTT. I am using a homebrew serial interface for
> keying the rig for years (btw: AM works perfectly using the mike.)
> Now I'm starting to wonder if it is at all possible in AM...? I would
> have liked to replay on-the-fly recorded modulation tests during my AM
> ragchew evenings.
>
> Many thanks in advance,
> Bo rs1ri
>
>

[Non-text portions of this message have been removed]

31532. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-21 18:07:15 UTC
From: Joe
Topic: 31505 Message: 31532

There is, sorta, on the D model...mine is more lavender, but......

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Michael Hughey" <rsq14emt@...>
Subject: Re: [FT897] Re: Running man in Display

> There is no blue button on the FT 857 and apparently Yaesu left the color
> of the POWER ON button to NOT be blue. Momentarily pressing the POWER
> button to activate/deactivate FAST TUNING.

31533. Sudden reset?

Yahoo group: FT897 (2010)
Date: 2010-10-23 11:03:13 UTC
From: diveone
Topic: 31533 Message: 31533

I was listening to twenty meters last night, and keying up to respond to a "CQ", when the rig seemed to reset all by itself. All my memories are gone along with custom settings (like display colors etc.)I was running the rig manually - no computer control.

I got back on and tuned to the CQ and was able to transmit OK.

Does anyone know if this is a common occurrence with the FT-897D?

Thanks in advance for any help/comments.

73,

George
K2ODV

31534. Re: [FT897] Sudden reset?

Yahoo group: FT897 (2010)
Date: 2010-10-23 17:33:59 UTC
From: B Young
Topic: 31533 Message: 31534

Do you have your CAT cable plugged into radio and not the computer? I had this happen when the USB connector touched something on my desk and the possible shorting of the plug caused my radio to reset.

Just a thought...,
73, Barry K9BAY

On Oct 23, 2010 12:29 PM, "diveone" <padidive@baybroadband.net> wrote:

I was listening to twenty meters last night, and keying up to respond to a "CQ", when the rig seemed to reset all by itself. All my memories are gone along with custom settings (like display colors etc.)I was running the rig manually - no computer control.

I got back on and tuned to the CQ and was able to transmit OK.

Does anyone know if this is a common occurrence with the FT-897D?

Thanks in advance for any help/comments.

73,

George
K2ODV

[Non-text portions of this message have been removed]

31535. Re: [FT897] Re: Running man in Display

Yahoo group: FT897 (2010)
Date: 2010-10-24 00:24:44 UTC
From: N4DBR - David Roberts
Topic: 31505 Message: 31535

If you have the MH-31 microphone, push the FST button and the running man will go away and you can tune slower. Push it again and he'll come back for faster tuning.

73 de N4DBR,
David in Lenoir, NC

On Thu, Oct 21, 2010 at 2:07 PM, Joe <WA6RKN@...> wrote:

>
>
> There is, sorta, on the D model...mine is more lavender, but......
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Michael Hughey" <rsq14emt@yahoo.com <rsq14emt%40yahoo.com>>
> Subject: Re: [FT897] Re: Running man in Display
>
> > There is no blue button on the FT 857 and apparently Yaesu left the color
>
> > of the POWER ON button to NOT be blue. Momentarily pressing the POWER
> > button to activate/deactivate FAST TUNING.
>
>
>

[Non-text portions of this message have been removed]

31536. working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-24 22:09:57 UTC
From: mark
Topic: 31536 Message: 31536

hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb

31537. Re: [FT897] working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-24 22:32:08 UTC
From: KenW
Topic: 31536 Message: 31537

look on page 68. also using split memory operation.

>hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
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>
>

Ken...W2BDP\0

31538. Re: [FT897] working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 05:29:43 UTC
From: Geoff Blake
Topic: 31536 Message: 31538

On 25 October 2010 00:09, mark <mac.2e0zmb@...> wrote:

> hi can anyone help im a member of raynet and were using splits i would like
> to set up to tx on144mhz and rx on 433mhz and other way round. we use a
> yaesu ft8800 but i would like to use my 897d from home as control any help
> would be great cheers Mark 2e0zmb
>
>
> If you mean to use the 897 as a cross-band repeater, the short answer is
No.

Longer reply: You need two receivers, either one capable of receiving whilst
the other side is is transmitting and either two transmitters or a
transmitter capable of switching band on squelch control.

If you are thinking of using just ordinary split band working, like
satellite working, just use the twin VFO's.

73 Geoff G8GNZ
--

[Non-text portions of this message have been removed]

31539. Re: working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 07:31:46 UTC
From: g8hul
Topic: 31536 Message: 31539

--- In FT897@yahoogroups.com, "mark" <mac.2e0zmb@...> wrote:
>
> hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb
>

Unfortunately there is no easy way of achievimg what you are after with those radios.

The 8800 does not have any remote control facilities. However, if the 8800 is the same as the FT8900 it will remain in talk through mode when the power is supply is removed, and come back in the same state when power is re-applied. So if you can find a way of switching the PSU on and off remotely you can switch your t/t station on and off remotely.

Unless you have the optional mic with the 897 you do not have any way of remote control, such as DTMF tones, so you will need a new mic or an external DTMF generator.

Of course if you have the facilities there might be other ways of controlling the 8800, again if it is like the 8900 it would be possible to emulate the remote microphone from a pic type controller, or perhaps emulate the data that goes down the seperation cable for the front panel, but both of those solutions would require a lot of work!!!

73
Jeff
G8HUL SEHR

31540. Re: [FT897] Re: working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 09:06:54 UTC
From: ROBERT FAREY
Topic: 31536 Message: 31540

Hi guys
i wondered when this topic would crop up as there have been issues with FT8900 used in the rebro way some cross band frequencies simply do not work with the FT8900 and i wonder why try to do this a pair of old storno's do a far better job and they are designed for this and they cost far less than using a radio which at best has a less chance of survivng as it's duty cycle is not meant to be used in a continuos mode unlike the storno's.
which where designed for this sort of operation. regards Robert G6LLP

--- On Mon, 25/10/10, g8hul <g8hul@...> wrote:

From: g8hul <g8hul@...>
Subject: [FT897] Re: working splits between vhf/uhf
To: FT897@yahoogroups.com
Date: Monday, 25 October, 2010, 8:31

--- In FT897@...m, "mark" <mac.2e0zmb@...> wrote:

>

> hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb

>

Unfortunately there is no easy way of achievimg what you are after with those radios.

The 8800 does not have any remote control facilities. However, if the 8800 is the same as the FT8900 it will remain in talk through mode when the power is supply is removed, and come back in the same state when power is re-applied. So if you can find a way of switching the PSU on and off remotely you can switch your t/t station on and off remotely.

Unless you have the optional mic with the 897 you do not have any way of remote control, such as DTMF tones, so you will need a new mic or an external DTMF generator.

Of course if you have the facilities there might be other ways of controlling the 8800, again if it is like the 8900 it would be possible to emulate the remote microphone from a pic type controller, or perhaps emulate the data that goes down the seperation cable for the front panel, but both of those solutions would require a lot of work!!!

73

Jeff

G8HUL SEHR

[Non-text portions of this message have been removed]

31541. Re: [FT897] working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 13:37:41 UTC
From: Tim lyons
Topic: 31536 Message: 31541

First thing, do you have a dtmf mic for the 897? but the simple way is use of DCS for encode/decode of the (of the 8800) input from the 897. And vice versa.

Yo do know you can run crossband from the 2M side as well?

Tim
NH2BV

Sent from my iPhone at great care and caution. Edited by primate!

On Oct 24, 2010, at 15:09, "mark" <mac.2e0zmb@...> wrote:

> hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb
>
>

[Non-text portions of this message have been removed]

31542. Re: working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 14:04:34 UTC
From: g8hul
Topic: 31536 Message: 31542

> > hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d from home as control any help would be great cheers Mark 2e0zmb
> >
>
>
> Unfortunately there is no easy way of achievimg what you are after with those radios.
>
> The 8800 does not have any remote control facilities. However, if the 8800 is the same as the FT8900 it will remain in talk through mode when the power is supply is removed, and come back in the same state when power is re-applied. So if you can find a way of switching the PSU on and off remotely you can switch your t/t station on and off remotely.
>
> Unless you have the optional mic with the 897 you do not have any way of remote control, such as DTMF tones, so you will need a new mic or an external DTMF generator.
>
> Of course if you have the facilities there might be other ways of controlling the 8800, again if it is like the 8900 it would be possible to emulate the remote microphone from a pic type controller, or perhaps emulate the data that goes down the seperation cable for the front panel, but both of those solutions would require a lot of work!!!
>
> 73
> Jeff

Having re-read your post perhaps I was answering the wrong question! I assumed that you wished to remotely control the Ft8800, rather than just run a Raynet control station from your home QTH with teh FT897.

I am not sure why you wish to operate split frequency, as 'normal' Raynet procedue is to have the control station working on UHF only through the t/t, which then talks to the the out-stations on VHF. That way you only need to have a receiver on one band at a time.

73
Jeff

31543. Re: working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-25 22:20:43 UTC
From: mark
Topic: 31536 Message: 31543

--- In FT897@yahoogroups.com, "mark" <mac.2e0zmb@...> wrote:
>
> hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d any help would be great cheers Mark 2e0zmb
>

hi hanks for the info i have now managed to set up so i can receive on 433mhz and transmit on 144mhz in the next couple of daysill write down how i did it and post it on here thanks mark 2e0zmb

31544. Re: AM does not respond to CAT PTT

Yahoo group: FT897 (2010)
Date: 2010-10-26 17:47:30 UTC
From: ridge_bo
Topic: 31529 Message: 31544

Hi,

No RFI is the cause. I tried every power setting. It functions perfectly on FM even on full power. SSB also ok, only AM causes the problem.
Has anybody tried this?? Key the rig in AM using PC??

73",
Bo rs1ri

--- In FT897@yahoogroups.com, PY5VB-Villas Boas <py5vb@...> wrote:
>
>
> RFI in your interface ?
> Put a low power (5W) AM and try if PTT keying.
>
> 73, Villas - PY5VB
>
> Em 22/10/2010 11:44, ridge_bo escreveu:
> >
> > Hi everybody,
> >
> > I fail to get my FT897D to be keyed in AM mode when using my PC. The
> > PTT and modulation is working in SSB or any other mode, except AM. No
> > modulation and no PTT. I am using a homebrew serial interface for
> > keying the rig for years (btw: AM works perfectly using the mike.)
> > Now I'm starting to wonder if it is at all possible in AM...? I would
> > have liked to replay on-the-fly recorded modulation tests during my AM
> > ragchew evenings.
> >
> > Many thanks in advance,
> > Bo rs1ri
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

31545. Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-26 19:53:42 UTC
From: scotchmandr
Topic: 31545 Message: 31545

Can someone check and post what the approximate Current draw is on trhe following power settings?

5W = Amps
10W = Amps
20W = Amps
50W = Amps

Thank you.
Phillip

31546. Re: [FT897] Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-26 20:45:50 UTC
From: Rob Stampfli
Topic: 31545 Message: 31546

On Tue, Oct 26, 2010 at 07:53:42PM -0000, scotchmandr wrote:
> Can someone check and post what the approximate Current draw is on trhe following power settings?
>
>
> 5W = Amps
> 10W = Amps
> 20W = Amps
> 50W = Amps

I suspect it would depend on the band. (FWIW, I've heard the 897 is fairly economical at lower power levels, compared with other rigs, though.)

Rob / KD8WK

31547. Yaesu FT897D Problem

Yahoo group: FT897 (2010)
Date: 2010-10-24 07:29:44 UTC
From: saffer75
Topic: 31547 Message: 31547

Hi there not sure whether Im posting this a second time I am having a problem with my FT897D if I select a frequency say 7100 when I key to transmit a different frequency comes up has this got something to do with the dual vfo and how do I undo it I must have pressed a button incorrectally somewhere along the line Ive only been up and running for three days and am new to amateur 73s Stephen

31548. Re: Sudden reset?

Yahoo group: FT897 (2010)
Date: 2010-10-23 22:37:58 UTC
From: k2odv
Topic: 31533 Message: 31548

Barry,

Thank you for your suggestion. I noticed one other "symptom" that I forgot to mention in my first posting. I also noticed a "beeping" sound as I keyed my microphone, which I later realized was the 897 switching from "fine" tuning (no running man) to "fast" tuning (running man icon). It would switch back and forth while I talked with the microphone keyed on HF (not on VHF).

Having said all that.. I unplugged my cable from the rear of the rig and now I am NOT noticing the switching back and forth from "fine" to "fast" as noted above. I have my fingers crossed that the rig does not reset on its own.

Will keep you posted and thank you again.

George
K2ODV

--- In FT897@yahoogroups.com, B Young <youngbar0978@...> wrote:
>
> Do you have your CAT cable plugged into radio and not the computer? I had
> this happen when the USB connector touched something on my desk and the
> possible shorting of the plug caused my radio to reset.
>
> Just a thought...,
> 73, Barry K9BAY
>
> On Oct 23, 2010 12:29 PM, "diveone" <padidive@...> wrote:
>
>
>
> I was listening to twenty meters last night, and keying up to respond to a
> "CQ", when the rig seemed to reset all by itself. All my memories are gone
> along with custom settings (like display colors etc.)I was running the rig
> manually - no computer control.
>
> I got back on and tuned to the CQ and was able to transmit OK.
>
> Does anyone know if this is a common occurrence with the FT-897D?
>
> Thanks in advance for any help/comments.
>
> 73,
>
> George
> K2ODV
>

>
>
>
> [Non-text portions of this message have been removed]
>

31549. Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-24 05:26:37 UTC
From: saffer75
Topic: 31549 Message: 31549

Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the seleted frequency know

31550. Re: Sudden reset?

Yahoo group: FT897 (2010)
Date: 2010-10-24 09:44:01 UTC
From: F5Tiger
Topic: 31533 Message: 31550

The same thing happened to me with my FT-857.
That was caused by a big RFI generated from the antenna.
I connected an air-choke after the antenna and the problem is solved.
Verify your RFI.
73
Enrico, IZ2NXF

> I was listening to twenty meters last night, and keying up to respond to a "CQ", when the rig seemed to reset all by itself. All my memories are gone along with custom settings (like display colors etc.)I was running the rig manually - no computer control.
I got back on and tuned to the CQ and was able to transmit OK.
Does anyone know if this is a common occurrence with the FT-897D?
Thanks in advance for any help/comments.
>
> 73,
>
> George
> K2ODV
>

31551. New 897D owner

Yahoo group: FT897 (2010)
Date: 2010-10-25 01:23:24 UTC
From: Ken
Topic: 31551 Message: 31551

I just purchased my FT-897D and have discovered an issue I can't find the answer to in the manual. I have the Yaesu software to program the radio which works well to build memory channels. However, if I unplug the interface cable from the computer, the radio seems to lose the PL tones programmed into it. It will not open the repeaters on any channel. If I plug the USB cable back in to the computer, the memory channels all work properly. What am I doing wrong?

Ken, K7MAL
Boise, ID

31552. Intermittent TX on VHF- suggestions

Yahoo group: FT897 (2010)
Date: 2010-10-24 15:22:04 UTC
From: va3rcs
Topic: 31552 Message: 31552

Hi Group,

I have been using my FT897 "D" for about 5 years now with no issues or troubles what so ever...

Recently I have had reports of my Transmissions breaking up on VHF/UHF (I no longer use the radio for hf as I bought a FT847 18 months ago)

The problem is that the radio starts to cut out on TX. Its almost like I was dropping the PTT switch for a 1/2 second or so.

I have swapped out the mic, thinking it was a problem with the cord or the head and the problem remains.

I have tried switching antennas and feedlines thinking it could be a blowing in the wind issue and the problem remains.

Using the built in SWR Meter there is no indication of the carrier dropping and using the built in power meter there is no indication of the carrier dropping.

Everything looks normal at my end, but stations on repeaters and on simplex tell me that suddenly it blinks out and blinks back. This includes stations very close (less than 1km away) or stations in the distance.

I can't tell if this is happening on 2m ssb as no one is around with the proper equipment when I ask...

I hate to send it in to Yaesu and tell them to find the problem, then fix the problem because the unit is off warantie and it might be cheaper to buy a new radio... But I also don't want to replace the radio if its a simple fix...

Anyone out there with any suggestions on what the problem could be???

73bob
VA3QV or VA3RCS
http://va3qv.wordpress.com

31553. Re: [FT897] New 897D owner

Yahoo group: FT897 (2010)
Date: 2010-10-27 05:55:26 UTC
From: ROBERT FAREY
Topic: 31551 Message: 31553

Hi Ken
           although usb is supposed to be hot plug, the radio could be objecting to this idea.
try turning off both radio and then computer before withdrawing the connecting cable.
if this has not been tried try it.
these things have there own little problems with such issues.   Regards Robert G6LLP

--- On Mon, 25/10/10, Ken <kmalgren@...> wrote:

From: Ken <kmalgren@...>
Subject: [FT897] New 897D owner
To: FT897@yahoogroups.com
Date: Monday, 25 October, 2010, 2:23

I just purchased my FT-897D and have discovered an issue I can't find the answer to in the manual. I have the Yaesu software to program the radio which works well to build memory channels. However, if I unplug the interface cable from the computer, the radio seems to lose the PL tones programmed into it. It will not open the repeaters on any channel. If I plug the USB cable back in to the computer, the memory channels all work properly. What am I doing wrong?

Ken, K7MAL

Boise, ID

[Non-text portions of this message have been removed]

31554. Re: [FT897] Intermittent TX on VHF- suggestions

Yahoo group: FT897 (2010)
Date: 2010-10-27 05:59:20 UTC
From: ROBERT FAREY
Topic: 31552 Message: 31554

Hi
May one ask what power source you are using to drive this radio, i.e. battery, linear power supply and capacity and switch mode power supply and capacity.

Regards Robert G6LLP

--- On Sun, 24/10/10, va3rcs <va3qv@...> wrote:

From: va3rcs <va3qv@rac.ca>
Subject: [FT897] Intermittent TX on VHF- suggestions
To: FT897@yahoogroups.com
Date: Sunday, 24 October, 2010, 16:22

Hi Group,

I have been using my FT897 "D" for about 5 years now with no issues or troubles what so ever...

Recently I have had reports of my Transmissions breaking up on VHF/UHF (I no longer use the radio for hf as I bought a FT847 18 months ago)

The problem is that the radio starts to cut out on TX. Its almost like I was dropping the PTT switch for a 1/2 second or so.

I have swapped out the mic, thinking it was a problem with the cord or the head and the problem remains.

I have tried switching antennas and feedlines thinking it could be a blowing in the wind issue and the problem remains.

Using the built in SWR Meter there is no indication of the carrier dropping and using the built in power meter there is no indication of the carrier dropping.

Everything looks normal at my end, but stations on repeaters and on simplex tell me that suddenly it blinks out and blinks back. This includes stations very close (less than 1km away) or stations in the distance.

I can't tell if this is happening on 2m ssb as no one is around with the proper equipment when I ask...

I hate to send it in to Yaesu and tell them to find the problem, then fix the problem because the unit is off warantie and it might be cheaper to buy a new radio... But I also don't want to replace the radio if its a simple fix...

Anyone out there with any suggestions on what the problem could be???

73bob

VA3QV or VA3RCS

http://va3qv.wordpress.com

[Non-text portions of this message have been removed]

31555. Re: [FT897] Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-27 06:33:53 UTC
From: ROBERT FAREY
Topic: 31549 Message: 31555

Hi
the use of vertical antennas gives all sorts of RF issues in the Shack that is why so many use a horizontal dipole or doublet with an ATU the balanced antenna system gives none of these issues.
the other topic that takes some getting used to understanding is the power source issues. a large car battery will give better voltage stability than some mains driven power supplies.
it is a question of capacity although the radio's are rated at 22 amps max on full power they do draw more power when the first keyed up it's due to the amplifier ramping up. failure to understand this issues results in allsorts of issues like vco going off frequency inside the radio. Regards
Robert G6LLP

--- On Sun, 24/10/10, saffer75 <lostinoz2010@...> wrote:

From: saffer75 <lostinoz2010@...>
Subject: [FT897] Help high swr
To: FT897@yahoogroups.com
Date: Sunday, 24 October, 2010, 6:26

Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the seleted frequency know

[Non-text portions of this message have been removed]

31556. Re: [FT897] Re: working splits between vhf/uhf

Yahoo group: FT897 (2010)
Date: 2010-10-27 06:46:02 UTC
From: ROBERT FAREY
Topic: 31536 Message: 31556

Hi
   Being a raynet controller, with a lot of new boys has it's problems as they have a limited knowledge base about issues with a host of issues.
the most obvious is understanding that amateur radio sets are not as robust as we would like with regards to power output over a sustained period.
when you use an amateur radio for contests or just chatting the period it is operation is short on transmit. that is when the radio output stage gets hot. and it may get very hot in certain circumstances.
some use an external fan to cool things down, because if you don't the output transistors overheat and do burn out.
so when looking at items like amateur repeaters and re bro units it is best to think in terms of the commercial markets units designed to work 24 /7 as they have been designed for that sort of operation. Regards Robert G6LLP

--- On Mon, 25/10/10, mark <mac.2e0zmb@...> wrote:

From: mark <mac.2e0zmb@...>
Subject: [FT897] Re: working splits between vhf/uhf
To: FT897@yahoogroups.com
Date: Monday, 25 October, 2010, 23:20

--- In FT897@yahoogroups.com, "mark" <mac.2e0zmb@...> wrote:

>

> hi can anyone help im a member of raynet and were using splits i would like to set up to tx on144mhz and rx on 433mhz and other way round. we use a yaesu ft8800 but i would like to use my 897d any help would be great cheers Mark 2e0zmb

>

hi hanks for the info i have now managed to set up so i can receive on 433mhz and transmit on 144mhz in the next couple of daysill write down how i did it and post it on here thanks mark 2e0zmb

[Non-text portions of this message have been removed]

31557. Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-27 07:13:52 UTC
From: colin.bell99
Topic: 31549 Message: 31557

Do you have a name?

First the change in frequency when you key the mike. Is the other frequency that comes up on the other VFO? If it is it sounds like you are in split mode.

Buddipole comes with a leaflet that tells you how to set up and the dimensions to tune the aerial. If you carry them out properly then you should not have a high swr. A Buddipole is only a dipole and like all dipoles, correctly tuned for the frequency you wish to operate on, should be a low SWR aerial.

I suggest you set your rig to 5 watts, sort out your tx/rx frequencies and make sure you have a correctly tuned buddipole. Don't forget to make sure you have a clear frequency whilst testing and identify yourself. Finally when you are confident everything is working try a couple of low power QSOs in your chosen mode on your chosen band. With a buddipole you will have to adjust it each time you change bands and possibly if you move up and down a band you have previously tuned for.

Personally I have never had a problem that has been cured by grounding my rig. I have found using a choke, at the aerial end (google search choke balun) prevents RF feeding back to the rig and I do use an AT897 atu to save having to continually retune the aerial.

Good luck.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@...> wrote:
>
> Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the seleted frequency know
>

31558. Re: FT897 Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 07:08:37 UTC
From: va3rcs
Topic: 31558 Message: 31558

The problem has been fixed... Robert Farley you were heading in the right direction with the power idea....

The rig was fine... the power supply was fine... but ask me about my 12 volt power distribution bar!!!

It looks like a "Rig Runner" but its a clone rather than a orignal and it was not working up to specs... Next time I buy a real brand name one rather than try and save a few dollars...

Once the bar was taken out of line it worked fine...

73bob

31559. Re: [FT897] Re: FT897 Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 08:36:46 UTC
From: ROBERT FAREY
Topic: 31558 Message: 31559

Hi what is a distribution bar for, we always wire direct. Regards Robert Farey

G6LLP

--- On Wed, 27/10/10, va3rcs <va3qv@...> wrote:

From: va3rcs <va3qv@...>
Subject: [FT897] Re: FT897 Problem
To: FT897@yahoogroups.com
Date: Wednesday, 27 October, 2010, 8:08

The problem has been fixed... Robert Farley you were heading in the right direction with the power idea....

The rig was fine... the power supply was fine... but ask me about my 12 volt power distribution bar!!!

It looks like a "Rig Runner" but its a clone rather than a orignal and it was not working up to specs... Next time I buy a real brand name one rather than try and save a few dollars...

Once the bar was taken out of line it worked fine...

73bob

[Non-text portions of this message have been removed]

31560. Re: FT897 Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 09:26:53 UTC
From: va3rcs
Topic: 31558   Message: 31560

It looks alot like this...

http://www.westmountainradio.com/content.php?page=RIGrunner

but I made the mistake of buying a cheap knock off... rather than a rig runner

73bob

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi what is a distribution bar for, we always wire direct. Â Â Â Â Â Â Regards Robert Farey
> Â ÂÂ G6LLP
>
> --- On Wed, 27/10/10, va3rcs <va3qv@...> wrote:
>
>

31561. Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-27 13:13:05 UTC
From: bw3us
Topic: 31549 Message: 31561

Guidelines.
Please sign your messages with your name and call sign, e.g., Tom KØABC. Note: The zero can be typed using Alt+0216; See above.

--- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@...> wrote:
>
> Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the selected frequency know
>

Spurious Rf can cause all kinds of problems, especially with swr. Grounding, as I'm sure you all ready know because you're an amateur, is very basic and also very important. Ground your whole system (but not in series) and you will eliminate many potential problems. Also ferrite coils added to a feed line can reduce stray RF.
The separate receive/xmit can be caused by having, split selected in your menu. Take a look at your manual and it will explain all the selections that can be made.
If your manual is not handy go to Yaesu.com and download a pdf copy of it.
You have an excellent radio, but it is quite complex and has many great operation guidelines.
73, Bill k3waw

[Non-text portions of this message have been removed]

31562. Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-27 14:04:20 UTC
From: Radio_Randy
Topic: 31549 Message: 31562

The problem with the Buddipole on 40m is that it is too close to the ground. The SWR will be high as the feed impedance is substantially below 50 ohms on that band. The addition of a ground may be changing the feed impedance via transformation through the coax or some other odd method. Either use a tuner (I use the LDG Z-100Pro), or buy Buddipole's switchable transformer designed for this purpose.

As for the change in frequency, I'm assuming you've hit the "Split" button which is causing you to transmit on a different frequency than your receive. For that, I will refer you back to your owner's manual. If you can't decipher the instructions in the manual, come on back and ask for more help.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@...> wrote:
>
> Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the seleted frequency know
>

31563. Re: Intermittent TX on VHF- suggestions

Yahoo group: FT897 (2010)
Date: 2010-10-27 14:11:14 UTC
From: Radio_Randy
Topic: 31552 Message: 31563

Check your deviation on FM. If the mike gain is too high and you are severly over deviating, repeaters and other FM receivers could be cutting off your audio.

We had a similar problem with Daniels Electronics repeaters used on fires in narrowband mode. Wideband radio would sometimes cause the repeater to "shut down" for several seconds at a time. Since this can be a real problem on fires, wideband radio use is banned with these repeaters.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "va3rcs" <va3qv@...> wrote:
>
> Hi Group,
>
> I have been using my FT897 "D" for about 5 years now with no issues or troubles what so ever...
>
> Recently I have had reports of my Transmissions breaking up on VHF/UHF (I no longer use the radio for hf as I bought a FT847 18 months ago)
>
> The problem is that the radio starts to cut out on TX. Its almost like I was dropping the PTT switch for a 1/2 second or so.
>
> I have swapped out the mic, thinking it was a problem with the cord or the head and the problem remains.
>
> I have tried switching antennas and feedlines thinking it could be a blowing in the wind issue and the problem remains.
>
> Using the built in SWR Meter there is no indication of the carrier dropping and using the built in power meter there is no indication of the carrier dropping.
>
> Everything looks normal at my end, but stations on repeaters and on simplex tell me that suddenly it blinks out and blinks back. This includes stations very close (less than 1km away) or stations in the distance.
>
> I can't tell if this is happening on 2m ssb as no one is around with the proper equipment when I ask...
>
> I hate to send it in to Yaesu and tell them to find the problem, then fix the problem because the unit is off warantie and it might be cheaper to buy a new radio... But I also don't want to replace the radio if its a simple fix...
>
> Anyone out there with any suggestions on what the problem could be???
>
> 73bob

> VA3QV or VA3RCS
> http://va3qv.wordpress.com
>

31564. Re: Yaesu FT897D Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 14:16:15 UTC
From: Radio_Randy
Topic: 31547 Message: 31564

Steven,

Look at the section in your owner's manual that talks about operating "Split".

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@...> wrote:
>
> Hi there not sure whether Im posting this a second time I am having a problem with my FT897D if I select a frequency say 7100 when I key to transmit a different frequency comes up has this got something to do with the dual vfo and how do I undo it I must have pressed a button incorrectally somewhere along the line Ive only been up and running for three days and am new to amateur 73s Stephen
>

31565. Re: Intermittent TX on VHF- suggestions

Yahoo group: FT897 (2010)
Date: 2010-10-27 19:34:07 UTC
From: smitty9266
Topic: 31552 Message: 31565

if you had the radio set for the remote mic then changed to the original or desk mic this happens sometimes. Make sure menu 59 is set to NOR for a regular mic, RMT for the remote mic, or CAT for cat control

Jeff n9okv

31566. Re: [FT897] Yaesu FT897D Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 20:32:45 UTC
From: Danny Loyd
Topic: 31547 Message: 31566

Stephen,

It appears that you have it set up in the split mode. I am not in front of my radio right now, but if you will go into you Menu settings and find the Menu for Split Frequency operations and turn it off that should cure your problem.

Danny
KE5WDI

From: saffer75 <lostinoz2010@...>
To: FT897@yahoogroups.com
Sent: Sun, October 24, 2010 2:29:44 AM
Subject: [FT897] Yaesu FT897D Problem

Hi there not sure whether Im posting this a second time I am having a problem with my FT897D if I select a frequency say 7100 when I key to transmit a different frequency comes up has this got something to do with the dual vfo and how do I undo it I must have pressed a button incorrectally somewhere along the line Ive only been up and running for three days and am new to amateur 73s
Stephen

[Non-text portions of this message have been removed]

31567. Re: [FT897] Yaesu FT897D Problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 20:49:03 UTC
From: af2c@njdxa.org
Topic: 31547 Message: 31567

Sounds like your operating in the "Split" mode, with VFO A and VFO B being
active to produce the Split.

Press the "FUNC" button momentarily and then rotate the Select knob until
the VFO menu appears. Press "Split" and the you should now be back in a
none split mode.

73,
Jay/AF2C

At 01:32 PM 10/27/2010 -0700, you wrote:
>
>
>Stephen,
>
>It appears that you have it set up in the split mode. I am not in front of my
>radio right now, but if you will go into you Menu settings and find the
>Menu for
>Split Frequency operations and turn it off that should cure your problem.
>
>Danny
>KE5WDI
>
>_____
>From: saffer75 <<mailto:lostinoz2010%40hotmail.com>lostinoz2010@...>
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Sent: Sun, October 24, 2010 2:29:44 AM
>Subject: [FT897] Yaesu FT897D Problem
>
>Â
>Hi there not sure whether Im posting this a second time I am having a problem
>with my FT897D if I select a frequency say 7100 when I key to transmit a
>different frequency comes up has this got something to do with the dual
>vfo and
>how do I undo it I must have pressed a button incorrectally somewhere
>along the
>line Ive only been up and running for three days and am new to amateur 73s
>Stephen

[Non-text portions of this message have been removed]

31568. DSP Toggle problem

Yahoo group: FT897 (2010)
Date: 2010-10-27 23:41:31 UTC
From: Pronto. (Military)
Topic: 31568 Message: 31568

I have an original 897 (non D) and in the early days there was comment on a mod to enable the DSP to toggle back to original menue.
Now I know that Yaesu had a firmware fix but there was a mod to add a wire somewhere. Does anyone remember how that was done?
Jim VE3DDY

31569. RE: [FT897] Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-28 01:12:05 UTC
From: stephen godfrey
Topic: 31549 Message: 31569

Hi there Bill thanks for coming back to me Im finding out that grounding is important and will take your advice I seem to have worked the split out had me really confused 73s Stephen.

To: FT897@yahoogroups.com
From: k3waw@...
Date: Wed, 27 Oct 2010 13:13:05 +0000
Subject: [FT897] Re: Help high swr

Guidelines.
Please sign your messages with your name and call sign, e.g., Tom K?ABC. Note: The zero can be typed using Alt+0216; See above.

--- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@...> wrote:
>
> Hi there just starting out in the ham world I have two problems the first problem is that I had high swr until I grounded the transceiver is swr affected by transceiver grounding I am using a buddipole the second relates to the transceiver lets say I selected 7100 and I key the mike to transmit when the mike is keyed another frequency comes up completely different to the frequency selected has this got something to do with the dual vfo I must have pressed the wrong button if so and how do I go about undoing this as I cannot transmit on the selected frequency know
>

Spurious Rf can cause all kinds of problems, especially with swr. Grounding, as I'm sure you all ready know because you're an amateur, is very basic and also very important. Ground your whole system (but not in series) and you will eliminate many potential problems. Also ferrite coils added to a feed line can reduce stray RF.
The separate receive/xmit can be caused by having, split selected in your menu. Take a look at your manual and it will explain all the selections that can be made.
If your manual is not handy go to Yaesu.com and download a pdf copy of it.
You have an excellent radio, but it is quite complex and has many great operation guidelines.
73, Bill k3waw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31570. What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 08:28:59 UTC
From: Ian
Topic: 31570 Message: 31570

I know this is slightly off topic as it isn't FT897 specific but it is the rig I will be using. I'm new to Amateur radio and need some advice on how to start. I'm going to start on 2m (in the UK). I've been looking at the band plans and see that there is a calling frequency at 144.050MHz. Should I be calling CQ on this frequency? I've noticed a lot of activity around the 145MHz and above. I'm looking to use FM so can I call CQ on these upper FM Simplex frequencies or on a repeater frequency?

Ian 2E0ZQR

31571. Re: [FT897] What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 08:36:31 UTC
From: Jerry Lefever
Topic: 31570 Message: 31571

Ian

There are plenty of info on band plans on the net.
In UK, look here for general band plans
http://hflink.com/bandplans/UK_bandplan.pdf

here:
http://www.rsgb.org/spectrumforum/bandplans/

here:
http://www.pcsystems-ss.co.uk/g7lrrweb/index.php?module=pagemaster&PAGE_user_op=view_page&PAGE_id=34&MMN_position=55:55
(along the bottom click on the 2m link)

Good luck
Jerry

On Thu, Oct 28, 2010 at 9:28 AM, Ian <ian.munro@grosvenortechnology.com>wrote:

>
>
> I know this is slightly off topic as it isn't FT897 specific but it is the
> rig I will be using. I'm new to Amateur radio and need some advice on how to
> start. I'm going to start on 2m (in the UK). I've been looking at the band
> plans and see that there is a calling frequency at 144.050MHz. Should I be
> calling CQ on this frequency? I've noticed a lot of activity around the
> 145MHz and above. I'm looking to use FM so can I call CQ on these upper FM
> Simplex frequencies or on a repeater frequency?
>
> Ian 2E0ZQR
>
>
>

[Non-text portions of this message have been removed]

31572. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 08:52:13 UTC
From: g8hul
Topic: 31570 Message: 31572

> > I know this is slightly off topic as it isn't FT897 specific but it is the
> > rig I will be using. I'm new to Amateur radio and need some advice on how to
> > start. I'm going to start on 2m (in the UK). I've been looking at the band
> > plans and see that there is a calling frequency at 144.050MHz. Should I be
> > calling CQ on this frequency? I've noticed a lot of activity around the
> > 145MHz and above. I'm looking to use FM so can I call CQ on these upper FM
> > Simplex frequencies or on a repeater frequency?
> >
> > Ian 2E0ZQR

Ian, you need to read the band plans more carefully.

Pay particular attention to the modes that apply to each area of the band.

144.050 is the CW (morse) calling frequency and you will not make any friends by transmitting FM voice there!!!

145.500 is the FM calling frequency and 144.300 for ssb (USB).

Also pay attention to the notes regarding the use of particular spot frequencies for particular applications, you can very easisly upset people by using them from the wrong thing. Try to keep the Emergency comms (Raynet) frequencies clear, and watch out for things like SSTV calling frequencies.

Whilst the band plans are not complusory, not abiding by them can make you very unpopular!!

73
Jeff

31573. Re: [FT897] What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 09:54:09 UTC
From: Geoff Blake
Topic: 31570 Message: 31573

On 28 October 2010 10:28, Ian <ian.munro@...> wrote:

> I know this is slightly off topic as it isn't FT897 specific but it is the
> rig I will be using. I'm new to Amateur radio and need some advice on how to
> start. I'm going to start on 2m (in the UK). I've been looking at the band
> plans and see that there is a calling frequency at 144.050MHz. Should I be
> calling CQ on this frequency? I've noticed a lot of activity around the
> 145MHz and above. I'm looking to use FM so can I call CQ on these upper FM
> Simplex frequencies or on a repeater frequency?
>
> Ian 2E0ZQR
>

There are several frequencies on the two meter band.

The one that you identified 144.050MHz is the CW calling frequency. Use of FM there would not be appreciated!

144.300MHz is the SSB calling frequency, again, use of FM is not a good idea!

With exceptions FM should be restricted to the channelised frequencies between 145.000MHz and 145.800MHz. The calling channel is S20, 145.500MHz

There are several other calling frequencies which you will find in the RSGB's band plan which you will find at <http://www.rsgb-spectrumforum.org.uk/bandplan.htm>.

Use of these is not mandatory, but to prevent the two metre band deteriorating like the HF bands, observance of the band plans is seriously advised.

73 Geoff G8GNZ

[Non-text portions of this message have been removed]

31574. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 10:02:20 UTC
From: Ian
Topic: 31570 Message: 31574

Thanks for all your advice. I certainly don't want to upset anyone or transmit on the incorrect frequencies. That is why I posted here for some advice before transmitting. Looks like I got the term "Telegraphy" confused with "voice". Thanks again for all your assistance and links. I think I'll do some more listening before transmitting.

Ian 2E0ZQR

> On 28 October 2010 10:28, Ian <ian.munro@...> wrote:
>
> > I know this is slightly off topic as it isn't FT897 specific but it is the
> > rig I will be using. I'm new to Amateur radio and need some advice on how to
> > start.

> There are several frequencies on the two meter band.
>
> The one that you identified 144.050MHz is the CW calling frequency. Use of
> FM there would not be appreciated!
>
> 144.300MHz is the SSB calling frequency, again, use of FM is not a good
> idea!
>
> With exceptions FM should be restricted to the channelised frequencies
> between 145.000MHz and 145.800MHz. The calling channel is S20, 145.500MHz
>
> There are several other calling frequencies which you will find in the
> RSGB's band plan which you will find at <
> http://www.rsgb-spectrumforum.org.uk/bandplan.htm>.
>
> Use of these is not mandatory, but to prevent the two metre band
> deteriorating like the HF bands, observance of the band plans is seriously
> advised.
>
> 73 Geoff G8GNZ

31575. Re: [FT897] What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-28 10:46:54 UTC
From: patrick
Topic: 31570 Message: 31575

HI IAN,
I see you have received the information on 145.500 as the FM
calling frequency
and 144.300 on SSB also 433.500 is the 70cms calling freq.

also if you want to use a 2m repeater and if it needs CTCSS to open it ,
you will
need to find out what ctcss your local repeater requires , when you know
select it in your
your menu on the 897. read the manual on that ..
if your repeater needs a tone burst to open it press the HOME button
what i did on my 897D was to save into memory a few favorite repeater freqs
on 2m and 70cms so i could go to them quickly., read the manual how to do
this
plus by saving a repeater into memory you also save the ctcss which saves
you having to
select the T each time in you want to use a repeater

hope you were able to follow my thinking.

Patrick GW1SXN

From: "Ian" <ian.munro@...>
Sent: Thursday, October 28, 2010 9:28 AM
To: <FT897@yahoogroups.com>
Subject: [FT897] What part of the 2m band to use my FT897 on?

> I know this is slightly off topic as it isn't FT897 specific but it is the
> rig I will be using. I'm new to Amateur radio and need some advice on how
> to start. I'm going to start on 2m (in the UK). I've been looking at the
> band plans and see that there is a calling frequency at 144.050MHz. Should
> I be calling CQ on this frequency? I've noticed a lot of activity around
> the 145MHz and above. I'm looking to use FM so can I call CQ on these
> upper FM Simplex frequencies or on a repeater frequency?
>
> Ian 2E0ZQR
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>

>

31576. Microphone Pinout

Yahoo group: FT897 (2010)
Date: 2010-10-28 18:14:55 UTC
From: scotchmandr
Topic: 31576 Message: 31576

I was given a so-called "Corrected Pinout" for the Microphone connector for the 817. It contained the center three pins for 5+, Mic, and Mic GND in a reversed order. When I looked at the minuscule 897 diagram and it is flipped with the clip on bottom, It appears to be the exact plug as the one listed in the 817 manual just upside-down.

So before I mess anything up. The 817 and 897 share the same Mic pinout correct? Can they share the same mics like the MD100? And is my so-called "Corrected" pinout posted on some site right or wrong? I am going to assume that the manual is correct unless there is an errata I don't know about?

I got an MD-100 and wondered if it could serve as a computer mic for echolink and also with my 817?

Phillip

31577. Re: [FT897] Microphone Pinout

Yahoo group: FT897 (2010)
Date: 2010-10-28 19:39:36 UTC
From: Dale Blanchard
Topic: 31576 Message: 31577

Don't know why you would need a corrected pinout. The ones in the manual
are correct.
They are shown looking into the mike jack on the radio.
Some get mixed up on looking into the reverse side or the end of the cable.
You just have to think about it and use some common sense logic.
Some one should do there own research and not depend on some one else.
The first ones to offer help are some times wrong.
Dale

On 10/28/2010 11:14 AM, scotchmandr wrote:
> I was given a so-called "Corrected Pinout" for the Microphone connector
> for the 817. It contained the center three pins for 5+, Mic, and Mic GND
> in a reversed order. When I looked at the minuscule 897 diagram and it
> is flipped with the clip on bottom, It appears to be the exact plug as
> the one listed in the 817 manual just upside-down.
>
> So before I mess anything up. The 817 and 897 share the same Mic pinout
> correct? Can they share the same mics like the MD100? And is my
> so-called "Corrected" pinout posted on some site right or wrong? I am
> going to assume that the manual is correct unless there is an errata I
> don't know about?
>
> I got an MD-100 and wondered if it could serve as a computer mic for
> echolink and also with my 817?
>
> Phillip
>
>

31578. FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 04:28:11 UTC
From: Stephen Godfrey
Topic: 31578 Message: 31578

Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.

31579. Re: [FT897] FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 08:44:19 UTC
From: ROBERT FAREY
Topic: 31578 Message: 31579

Hi Stephen
The speech processor idea's in a lot of cases leads to over driving the transmitter. and over modulation, this may very well be why the peak envelope power is showing just 70%. as you are losing some power in the over deviation.
it is a subject which can be very misleading.
As you give no indication of your expertise in the field it would be correct given the evidence you have given you have little knowledge of the subject of amateur radio and how to operate.
I have held a licence since 1981 and although i have years of exprience i find that using this speech compression is an over the top issue.
it is just not needed to make a successful QSO. and can lead to all sorts of problems with RFI as well as some mistakes with output readings.
use the radio on full power into a dummy load and also switch to fm mode that will tell you if this radio is transmitting it's full output.
whilst on the subject of transmission you should just use as much power as is needed to make the the QSO that means usingh the least and not over modulation with as much processing of the voice as possible that is poor operating and considerd by most amateur as an aligator.
learn to use just enough power to make the contact in the true spirit of amateur radfio. every call does not need to be 599, that is not the spirit of the Hobby.

Regards Robert G6LLP

--- On Fri, 29/10/10, Stephen Godfrey <lostinoz2010@hotmail.com> wrote:

From: Stephen Godfrey <lostinoz2010@...>
Subject: [FT897] FT897D power output
To: FT897@yahoogroups.com
Date: Friday, 29 October, 2010, 5:28

Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.

[Non-text portions of this message have been removed]

31580. Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 09:24:35 UTC
From: g8hul
Topic: 31578 Message: 31580

> Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.
>

Hi Stephen

First a few points to clear up:

Mic Gain and Speech Processing settings are not the way to set the power on the FT897.

The power can be set for HF, VHF & UHF independantly.
Hold the F buttton for a second or so to access the Menus, then select number 075 to set the power on the current band.

It is useful to assignthis function to a soft key, then you do not have to go into the menu structure. See page 51.

The mic gain should be set to a level that suits the mic in use and your voice, and how far you speak from the mic. 100 is most likely too high unless you talk a long way from the mic ot it is very insensitive. Unfortunately the ALC indication on the 897 is no a reliable way of setting the mic gain, as it seems to vary widely from radio to radio as to what the number of blocks actually mean.

On my radio for example if I set it as per the book with one or 2 sehments showing the peak output is below 50W. So you really need a peak reading power meter, or compare the envelope on a scope with a 100W cw signal.

Regarding the power meter reading, make sure that it is in peak reading mode and that you have the external dc power connected otherwise it will not read peak, just average and the readings will be low.

Try a long whistle, this should give you the same reading regardless of mode. Remember that ssb only gives an output when you arecttually speaking.

The speech processor settings should be much less than 100, try in the 20-50 range and get reports from another station as to which is the best setting. Don't forget that the processor must be switched on & off via a soft key, (row c - PROC)

Hope this helps.

73
Jeff

31581. RE: [FT897] FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 10:00:31 UTC
From: stephen godfrey
Topic: 31578 Message: 31581

Hi there Robert thankyou for coming back to me yes Im only just starting out and have read and heard people talking about using minimum power to make the QSO and do understand that is what it is all about in the true spirit of amateur. Im just confused that when I tried reading my pep last night when I had set 100 watts that it was reading only 70 percent, does that mean that I shoud be removing some or all of the speach compression you talk of it causing some mistakes with output readings its a new radio there is no damage to the transmitter is there? I hear you on testing into a dummy load and testing it on FM, when you talk of RFI do you mean RFI coming back from the antenna or is it the RFI going out from the transmitter through the meter as I have an rf choke on the antenna feedline at the antenna. I hear you on the use of the speech compression with regard to it being an over the top issue and that it is not needed to make a succesful QSO.I want to learn and am only going to learn from people like yourself and have no access to a club where I live as I live in outback Australia.
I will get myself a dummy load as ive not got one and will have to order myself one by post. I understand the basics of over driving and over modulation. Another question from me if I were reducing my power and speach compression say to 50 watts lets say would the meter then be reading a true reading possibally. When you talk of over deviation what does that mean and why am I losing that power. The maual talks of ALC and has to say that if it is reading to high or low that you will have reset the microphone gain how much should the meter read when talking into the microphone the manual says a couple of bars does that mean two or are we talking about more as I notcied that it was reading above five when transmitting could this be an indicaction of of over driving and ovemodulation Thanks again for your advice and help Regards Stephen.
To: FT897@yahoogroups.com
From: robert.farey@...
Date: Fri, 29 Oct 2010 09:44:19 +0100
Subject: Re: [FT897] FT897D power output

Hi Stephen

The speech processor idea's in a lot of cases leads to over driving the transmitter. and over modulation, this may very well be why the peak envelope power is showing just 70%.

as you are losing some power in the over deviation.

it is a subject which can be very misleading.

As you give no indication of your expertise in the field it would be correct given the evidence you have given you have little knowledge of the subject of amateur radio and how to operate.

I have held a licence since 1981 and although i have years of exprience i find that using this speech compression is an over the top issue.

it is just not needed to make a successful QSO. and can lead to all sorts of problems with RFI as well as some mistakes with output readings.

use the radio on full power into a dummy load and also switch to fm mode that will tell you if this radio is transmitting it's full output.

whilst on the subject of transmission you should just use as much power as is needed to make the the QSO that means usingh the least and not over modulation with as much processing of the voice as possible that is poor operating and considerd by most amateur as an aligator.

learn to use just enough power to make the contact in the true spirit of amateur radfio.

every call does not need to be 599, that is not the spirit of the Hobby.

Regards Robert G6LLP

--- On Fri, 29/10/10, Stephen Godfrey <lostinoz2010@...> wrote:

From: Stephen Godfrey <lostinoz2010@...>

Subject: [FT897] FT897D power output

To: FT897@yahoogroups.com

Date: Friday, 29 October, 2010, 5:28

Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31582. Re: [FT897] Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 10:02:10 UTC
From: ROBERT FAREY
Topic: 31578 Message: 31582

Hi setting the processor setting at 100% will over drive the tansmitter and lead to a lower output than you would expect. Regards robert G6LLP

--- On Fri, 29/10/10, g8hul <g8hul@...> wrote:

From: g8hul <g8hul@...>
Subject: [FT897] Re: FT897D power output
To: FT897@yahoogroups.com
Date: Friday, 29 October, 2010, 10:24

> Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.

>

Hi Stephen

First a few points to clear up:

Mic Gain and Speech Processing settings are not the way to set the power on the FT897.

The power can be set for HF, VHF & UHF independantly.

Hold the F buttton for a second or so to access the Menus, then select number 075 to set the power on the current band.

It is useful to assignthis function to a soft key, then you do not have to go into the menu structure. See page 51.

The mic gain should be set to a level that suits the mic in use and your voice, and how far you speak from the mic. 100 is most likely too high unless you talk a long way from the mic ot it is very insensitive. Unfortunately the ALC indication on the 897 is no a reliable way of setting the mic gain, as it seems to vary widely from radio to radio as to what the number of blocks actually mean.

On my radio for example if I set it as per the book with one or 2 sehments showing the peak output is below 50W. So you really need a peak reading power meter, or compare the envelope on a scope with a 100W cw signal.

Regarding the power meter reading, make sure that it is in peak reading mode and that you have the external dc power connected otherwise it will not read peak, just average and the readings will be low.

Try a long whistle, this should give you the same reading regardless of mode. Remember that ssb only gives an output when you arecttually speaking.

The speech processor settings should be much less than 100, try in the 20-50 range and get reports from another station as to which is the best setting. Don't forget that the processor must be switched on & off via a soft key, (row c - PROC)

Hope this helps.

73

Jeff

[Non-text portions of this message have been removed]

31583. RE: [FT897] FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 10:15:16 UTC
From: ROBERT FAREY
Topic: 31578 Message: 31583

Hi Stephen
the problem may best be sorted by doing a hard reset, go back to factory settings.
take this one step at a time.
check the power output on FM using a external SWR Bridge and dummy load.

you will need either a ATU to tune an antenna to the radio or an Automatic antenna tunning unit.
The alc is set up to drive an automatic antenna unit. it actually drives this device.
The alc setting is not needed to be set up for a manual antenna unit as you will make the adjustments.
The reason to go back to factory defaults is because it makes it easier to setup the whole system if you start from the beginning.
so please e-mail me at robert.farey@...
and then we can converse via e-mails, Regards Robert G6LLP

--- On Fri, 29/10/10, stephen godfrey <lostinoz2010@...> wrote:

From: stephen godfrey <lostinoz2010@...>
Subject: RE: [FT897] FT897D power output
To: ft897@yahoogroups.com
Date: Friday, 29 October, 2010, 11:00

Hi there Robert thankyou for coming back to me yes Im only just starting out and have read and heard people talking about using minimum power to make the QSO and do understand that is what it is all about in the true spirit of amateur. Im just confused that when I tried reading my pep last night when I had set 100 watts that it was reading only 70 percent, does that mean that I shoud be removing some or all of the speach compression you talk of it causing some mistakes with output readings its a new radio there is no damage to the transmitter is there? I hear you on testing into a dummy load and testing it on FM, when you talk of RFI do you mean RFI coming back from the antenna or is it the RFI going out from the transmitter through the meter as I have an rf choke on the antenna feedline at the antenna. I hear you on the use of the speech compression with regard to it being an over the top issue and that it is not needed to make a succesful QSO.I want to
learn and am only going to learn from people like yourself and have no access to a club where I live as I live in outback Australia.
I will get myself a dummy load as ive not got one and will have to order myself one by post. I understand the basics of over driving and over modulation. Another question from me if I were reducing my power and speach compression say to 50 watts lets say would the meter then be reading a true reading possibally. When you talk of over deviation what does that mean and why am I losing that power. The maual talks of ALC and has to say that if it is reading to high or low that you will have reset the microphone gain how much should the meter read when talking into the microphone the manual says a couple of bars does that mean two or are we talking about more as I notcied that it was reading above five when transmitting could this be an indicaction of of over driving and ovemodulation Thanks again for your advice and help Regards Stephen.
To: FT897@yahoogroups.com

From: robert.farey@...
Date: Fri, 29 Oct 2010 09:44:19 +0100
Subject: Re: [FT897] FT897D power output

Hi Stephen

The speech processor idea's in a lot of cases leads to over driving the transmitter. and over modulation, this may very well be why the peak envelope power is showing just 70%.

as you are losing some power in the over deviation.

it is a subject which can be very misleading.

As you give no indication of your expertise in the field it would be correct given the evidence you have given you have little knowledge of the subject of amateur radio and how to operate.

I have held a licence since 1981 and although i have years of exprience i find that using this speech compression is an over the top issue.

it is just not needed to make a successful QSO. and can lead to all sorts of problems with RFI as well as some mistakes with output readings.

use the radio on full power into a dummy load and also switch to fm mode that will tell you if this radio is transmitting it's full output.

whilst on the subject of transmission you should just use as much power as is needed to make the the QSO that means usingh the least and not over modulation with as much processing of the voice as possible that is poor operating and considerd by most amateur as an aligator.

learn to use just enough power to make the contact in the true spirit of amateur radfio.

every call does not need to be 599, that is not the spirit of the Hobby.

Regards Robert G6LLP

--- On Fri, 29/10/10, Stephen Godfrey <lostinoz2010@...> wrote:

From: Stephen Godfrey <lostinoz2010@...>

Subject: [FT897] FT897D power output

To: FT897@yahoogroups.com

Date: Friday, 29 October, 2010, 5:28

Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing

something right in the setup again 73s Stephen.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31584. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-29 14:12:31 UTC
From: mchenryproj
Topic: 31570 Message: 31584

Actually that info is incorrect by my records. Here in Ohio we show the national calling freq on 2m SSB as 144.200. The FM calling freq is 146.52. There is a CW, EME, Meteor and other calling freqs listed here:
http://www.k0nr.com/rwitte/2m_frequencies.html

and here:
http://www.ac6v.com/callfreq.htm

And all it took was a Google search on "2m us band plan".

Sean
KB8JNE

31585. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-29 14:15:37 UTC
From: mchenryproj
Topic: 31570 Message: 31585

Now I did assume this was in the US... It in fact will be different in other areas but substitute any other country in the Google search for "us" and you should find listings for those countries as well.

It always helps when the call is included and I forgot to look for it in the original question. If however you want to cross borders, best to look at the band plans for both countries and find overlapping freqs if possible.

Sean
KB8JNE

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
> Actually that info is incorrect by my records. Here in Ohio we show the national calling freq on 2m SSB as 144.200. The FM calling freq is 146.52. There is a CW, EME, Meteor and other calling freqs listed here:
> http://www.k0nr.com/rwitte/2m_frequencies.html
>
> and here:
> http://www.ac6v.com/callfreq.htm
>
> And all it took was a Google search on "2m us band plan".
>
> Sean
> KB8JNE
>

31586. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-10-29 15:45:28 UTC
From: g8hul
Topic: 31570 Message: 31586

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
> Now I did assume this was in the US... It in fact will be different in other areas but substitute any other country in the Google search for "us" and you should find listings for those countries as well.
>

Yes the callsign was included in the OP, and it was from a UK station, so the info was 100% correct (:-))

73
Jeff

31587. Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 15:50:54 UTC
From: g8hul
Topic: 31578 Message: 31587

>
> you will need either a ATU to tune an antenna to the radio or an Automatic antenna tunning unit.
> The alc is set up to drive an automatic antenna unit. it actually drives this device.
> The alc setting is not needed to be set up for a manual antenna unit as you will make the adjustments.

Is it just me, or does that make no sense whatsoever?????

What has the ALC got to do with an ATU?

Of course an ATU is not required at all if the antenna is a dipole cut for the band in question, or some other antenna that is close to 50 ohms.

73
Jeff

31588. Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-29 15:52:15 UTC
From: Radio_Randy
Topic: 31549 Message: 31588

I wouldn't worry about adding ferrites to the Buddipole assembly. I believe the feedline that comes with it already has a "choke balun" on it. It will be on the end with the connector pins that plug into the antenna. Shrink tubing covers the assembly, so it's not immediately obvious.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, stephen godfrey <lostinoz2010@...> wrote:
>
>
> Hi there Bill thanks for coming back to me Im finding out that grounding is important and will take your advice I seem to have worked the split out had me really confused 73s Stephen.
>
>
>
> To: FT897@yahoogroups.com
> From: k3waw@...
> Date: Wed, 27 Oct 2010 13:13:05 +0000
> Subject: [FT897] Re: Help high swr
>
>
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>
>
> Guidelines.
> Please sign your messages with your name and call sign, e.g., Tom
> KØABC. Note: The zero can be typed using Alt+0216; See above.
>
> --- In FT897@yahoogroups.com, "saffer75" <lostinoz2010@> wrote:
> >
> > Hi there just starting out in the ham world I have two problems the
> first problem is that I had high swr until I grounded the transceiver is
> swr affected by transceiver grounding I am using a buddipole the second
> relates to the transceiver lets say I selected 7100 and I key the mike
> to transmit when the mike is keyed another frequency comes up
> completely different to the frequency selected has this got something to
> do with the dual vfo I must have pressed the wrong button if so and how
> do I go about undoing this as I cannot transmit on the selected
> frequency know
> >
>
> Spurious Rf can cause all kinds of problems, especially with swr.

> Grounding, as I'm sure you all ready know because you're an amateur, is
> very basic and also very important. Ground your whole system (but not in
> series) and you will eliminate many potential problems. Also ferrite
> coils added to a feed line can reduce stray RF.
> The separate receive/xmit can be caused by having, split selected in
> your menu. Take a look at your manual and it will explain all the
> selections that can be made.
> If your manual is not handy go to Yaesu.com and download a pdf copy of
> it.
> You have an excellent radio, but it is quite complex and has many great
> operation guidelines.
> 73, Bill k3waw
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

31589. Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 15:55:42 UTC
From: g8hul
Topic: 31578 Message: 31589

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi setting the processor setting at 100% will over drive the tansmitter and lead to a lower output than you would expect.Â Regards robert G6LLP

It seems unlikely that setting the processor to 100% would result in a lower output, horrible compressed audio perhaps, but not lower output, after all the way the processor works is by limiting the audio, so even with high settings it should not overdrive the transmitter, just 'squash' the audio up so that the average power is much higher. Not that overdriving the transmitter is likely to result in a lower power reading either.

73
Jeff

31590. MENU MODE No□057 [MEM/VFO DIAL MODE]

Yahoo group: FT897 (2010)
Date: 2010-10-29 17:51:37 UTC
From: scotchmandr
Topic: 31590 Message: 31590

Regarding MENU MODE No□057 [MEM/VFO DIAL MODE]

I would like tto set mine to "RF Power" but in doing so, there is no feedback regarding the Setting. Am I doing something wrong? Shouldn't there be some type of feedback on the LCD otherwise it is just pure random guessing.

72/73,
Phillip (N8AYE)
-. ---.. .- -.-- .

31591. Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 22:33:50 UTC
From: ke7adu
Topic: 31578   Message: 31591

Stephen,

1. The SSB Mic setting controls the sensitivity of the Microphone. Unless you have a very quite voice 100 is likely too high. If you are using the stock mic I recommend you set it between 35 and 65.

2. Compression controls a circuit deigned to increase the amplitude of the "quiet" parts of speech in an effort to keep the average loudness of your signal up. This sounds like a great idea but frequently just makes you sound distorted. In my testing setting the Compression level above 20 degrades the quality of signal the other station receives. I normally leave compression off.

3. The transmit power is controlled by by Menu 75 or 76 I am not in front of my rig so I can't say for sure. With this set to 100 you should put out close to 100 watts at the peaks of you transmissions. Your average power will be much less. Also, if you are not using a 50 ohm load for you readings the watt meter will not give you accurate numbers.

Hope this helps a little.

Anthony - AE7HS

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Stephen
> The speech processor idea's in a lot of cases leads to over driving the transmitter. and over modulation, this may very well be why the peak envelope power is showing just 70%.
> as you are losing some power in the over deviation.
> it is a subject which can be very misleading.
> As you give no indication of your expertise in the field it would be correct given the evidence you have given you have little knowledge of the subject of amateur radio and how to operate.
> I have held a licence since 1981 and although i have years of exprience i find that using this speech compression is an over the top issue.
> it is just not needed to make a successful QSO. and can lead to all sorts of problems with RFI as well as some mistakes with output readings.
> use the radio on full power into a dummy load and also switch to fm mode that will tell you if this radio is transmitting it's full output.
> whilst on the subject of transmission you should just use as much power as is needed to make the the QSO that means usingh the least and not over modulation with as much processing of the voice as possible that is poor operating and considerd by most amateur as an aligator.
> learn to use just enough power to make the contact in the true spirit of amateur radfio.
> every call does not need to be 599, that is not the spirit of the Hobby.
> Â Regards Robert G6LLP
>

> --- On Fri, 29/10/10, Stephen Godfrey <lostinoz2010@...> wrote:
>
> From: Stephen Godfrey <lostinoz2010@...>
> Subject: [FT897] FT897D power output
> To: FT897@yahoogroups.com
> Date: Friday, 29 October, 2010, 5:28
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>
> Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.
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> [Non-text portions of this message have been removed]
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31592. Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-30 04:30:09 UTC
From: Radio_Randy
Topic: 31545 Message: 31592

Phillip,

I measured the following current draws on my 897D. Keep in mind that I used the radio setting (and not a wattmeter) for the power. Also, the draw varies (as mentioned in another reply) per band.

From 1.8 to 50 MHz:

5 watts = 4.0 to 4.7 amps
10 watts = 5.3 to 6.4 amps
25 watts = 7.3 to 9.2 amps
50 watts = 10.6 to 12.9 amps

144 MHz:

5 watts = 3.4 amps
10 watts = 4.2 amps
25 watts = 6.3 amps
50 watts = 9.4 amps

420 MHz:

5 watts = 4.2 amps
10 watts = 5.6 amps
20 watts = 8.7 amps

In each scenario, the standby current (audio squelched) was .6 amps continuous. I did not try to disable the backlight for these tests. Also, the voltage used in the tests was 13.8 vdc.

Keep in mind that these readings were taken with the radio operating on an external DC supply and not via internal batteries. I'm guessing that the current draw is a bit lower with the internal packs.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> Can someone check and post what the approximate Current draw is on trhe following power settings?
>
>
> 5W = Amps
> 10W = Amps
> 20W = Amps
> 50W = Amps
>
> Thank you.

> Phillip
>

31593. Re: MENU MODE No□057 [MEM/VFO DIAL MODE]

Yahoo group: FT897 (2010)
Date: 2010-10-30 05:01:23 UTC
From: Radio_Randy
Topic: 31590 Message: 31593

Phillip,

It appears that the feedback is only shown in the power output while you are transmitting. There is no numeric level displayed in this mode.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> Regarding MENU MODE No□057 [MEM/VFO DIAL MODE]
>
> I would like tto set mine to "RF Power" but in doing so, there is no feedback regarding the Setting. Am I doing something wrong? Shouldn't there be some type of feedback on the LCD otherwise it is just pure random guessing.
>
> 72/73,
> Phillip (N8AYE)
> -. ---.. .- -.-- .
>

31594. No incoming s meter reading

Yahoo group: FT897 (2010)
Date: 2010-10-30 05:34:24 UTC
From: Stephen Godfrey
Topic: 31594 Message: 31594

Hi to the group and thanks for all the advice so far ive been listening about compression levels and mic gain and have reduced my levels and seen an improvement I will still have some more questions regarding these issues later on Ive got not no incoming s meter reading as in receive know have tried going back to basics and cannot find what I have altered this time can anybody tell how to reset here please 73s Stephen

31595. Re: [FT897] Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-30 05:37:59 UTC
From: Geoff Blake
Topic: 31545 Message: 31595

Hi Randy,

Perchance you measured the current draw on 100W as well. At my present location (Cyprus) I am unable to.

73 Geoff G8GNZ

On 30 October 2010 06:30, Radio_Randy <rjones@...> wrote:

> Phillip,
>
> I measured the following current draws on my 897D. Keep in mind that I used
> the radio setting (and not a wattmeter) for the power. Also, the draw varies
> (as mentioned in another reply) per band.
>
> From 1.8 to 50 MHz:
>
> 5 watts = 4.0 to 4.7 amps
> 10 watts = 5.3 to 6.4 amps
> 25 watts = 7.3 to 9.2 amps
> 50 watts = 10.6 to 12.9 amps
>
> 144 MHz:
>
> 5 watts = 3.4 amps
> 10 watts = 4.2 amps
> 25 watts = 6.3 amps
> 50 watts = 9.4 amps
>
> 420 MHz:
>
> 5 watts = 4.2 amps
> 10 watts = 5.6 amps
> 20 watts = 8.7 amps
>
> In each scenario, the standby current (audio squelched) was .6 amps
> continuous. I did not try to disable the backlight for these tests. Also,
> the voltage used in the tests was 13.8 vdc.
>
> Keep in mind that these readings were taken with the radio operating on an
> external DC supply and not via internal batteries. I'm guessing that the
> current draw is a bit lower with the internal packs.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:

> >
> > Can someone check and post what the approximate Current draw is on trhe
> following power settings?
> >
> >
> > 5W = Amps
> > 10W = Amps
> > 20W = Amps
> > 50W = Amps
> >
> > Thank you.
> > Phillip
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

31596. Re: [FT897] Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-30 05:54:36 UTC
From: ROBERT FAREY
Topic: 31545 Message: 31596

Hi Guys
i think some of your expectations in using this Ft897 in some cases are a bit unrealistic given what it costs to buy.
this radio has a wide band rf amplifier which is going to be a compromise at best to cover such a bandwidth.
the facilities are also fine for a radio in this price range, the extra mods to this like the so called built in VSWR bridge is not anything but a bit of a gimmick.
the use of some of the cheaper external bridges are actually no better sadly.
my arsenal of equipment includes a bird reflector meter, with the slugs.
accurate current draws are only going to tell you how inefficent this radio is in certain parts of it's range.
this general for a radio of this quality, and i see a major issue that lets most of you down is the use of vertical antenna which have very little metal in the air.
a doublet or even the the G5Rv pattern antenna will give far better results than a small vertical such as the buddipole.
sorry but it all come down to cost and this radio as the advert show is great if you use a key. Regards Robert

--- On Sat, 30/10/10, Geoff Blake <geoff@...> wrote:

From: Geoff Blake <geoff@...>
Subject: Re: [FT897] Re: Transmit Current Draw
To: FT897@yahoogroups.com
Date: Saturday, 30 October, 2010, 6:37

Hi Randy,

Perchance you measured the current draw on 100W as well. At my present

location (Cyprus) I am unable to.

73 Geoff G8GNZ

On 30 October 2010 06:30, Radio_Randy <rjones@...> wrote:

> Phillip,

>

> I measured the following current draws on my 897D. Keep in mind that I used

> the radio setting (and not a wattmeter) for the power. Also, the draw varies

> (as mentioned in another reply) per band.

>

> From 1.8 to 50 MHz:

>

> 5 watts = 4.0 to 4.7 amps

> 10 watts = 5.3 to 6.4 amps

> 25 watts = 7.3 to 9.2 amps

> 50 watts = 10.6 to 12.9 amps

>

> 144 MHz:

>

> 5 watts = 3.4 amps

> 10 watts = 4.2 amps

> 25 watts = 6.3 amps

> 50 watts = 9.4 amps

>

> 420 MHz:

>

> 5 watts = 4.2 amps

> 10 watts = 5.6 amps

> 20 watts = 8.7 amps

>

> In each scenario, the standby current (audio squelched) was .6 amps

> continuous. I did not try to disable the backlight for these tests. Also,

> the voltage used in the tests was 13.8 vdc.

>

> Keep in mind that these readings were taken with the radio operating on an

> external DC supply and not via internal batteries. I'm guessing that the

> current draw is a bit lower with the internal packs.

>

> 73, Randy N7CKJ

>

> --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:

> >

> > Can someone check and post what the approximate Current draw is on trhe

> following power settings?

> >

> >

> > 5W = Amps

> > 10W = Amps

> > 20W = Amps

> > 50W = Amps

> >

> > Thank you.

> > Phillip

> >

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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31597. Re: [FT897] No incoming s meter reading

Yahoo group: FT897 (2010)
Date: 2010-10-30 07:20:57 UTC
From: ROBERT FAREY
Topic: 31594 Message: 31597

Hi Stephen
i would recommend the following web site as a good source of reference:
http://www.ifwtech.co.uk/g3sek/cleansig/no-splat.htm.
Ian white has been a very knowledgeable author on a number of topics and is now GM3SEK. Regards Robert.

--- On Sat, 30/10/10, Stephen Godfrey <lostinoz2010@...> wrote:

From: Stephen Godfrey <lostinoz2010@...>
Subject: [FT897] No incoming s meter reading
To: FT897@yahoogroups.com
Date: Saturday, 30 October, 2010, 6:34

Hi to the group and thanks for all the advice so far ive been listening about compression levels and mic gain and have reduced my levels and seen an improvement I will still have some more questions regarding these issues later on Ive got not no incoming s meter reading as in receive know have tried going back to basics and cannot find what I have altered this time can anybody tell how to reset here please 73s Stephen

[Non-text portions of this message have been removed]

31598. Re: No incoming s meter reading

Yahoo group: FT897 (2010)
Date: 2010-10-30 09:18:33 UTC
From: g8hul
Topic: 31594 Message: 31598

Hi Stephen

The normal cause of no S meter reading is that you have the AGC switched off. This will aslo cause distortion on receive on strong signals.

Go to Row L fof the soft-key menu and scheck that the AGC is on, Atuo mode is best for most applications.

73
Jeff

31599. Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-10-30 17:10:35 UTC
From: scotchmandr
Topic: 31545 Message: 31599

Thank You, that is exactly what I needed.

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Phillip,
>
> I measured the following current draws on my 897D. Keep in mind that I used the radio setting (and not a wattmeter) for the power. Also, the draw varies (as mentioned in another reply) per band.
>
> From 1.8 to 50 MHz:
>
> 5 watts = 4.0 to 4.7 amps
> 10 watts = 5.3 to 6.4 amps
> 25 watts = 7.3 to 9.2 amps
> 50 watts = 10.6 to 12.9 amps
>
> 144 MHz:
>
> 5 watts = 3.4 amps
> 10 watts = 4.2 amps
> 25 watts = 6.3 amps
> 50 watts = 9.4 amps
>
> 420 MHz:
>
> 5 watts = 4.2 amps
> 10 watts = 5.6 amps
> 20 watts = 8.7 amps
>
> In each scenario, the standby current (audio squelched) was .6 amps continuous. I did not try to disable the backlight for these tests. Also, the voltage used in the tests was 13.8 vdc.
>
> Keep in mind that these readings were taken with the radio operating on an external DC supply and not via internal batteries. I'm guessing that the current draw is a bit lower with the internal packs.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@> wrote:
> >
> > Can someone check and post what the approximate Current draw is on trhe following power settings?
> >

> >
> > 5W = Amps
> > 10W = Amps
> > 20W = Amps
> > 50W = Amps
> >
> > Thank you.
> > Phillip
> >
>

31600. no cw transmit

Yahoo group: FT897 (2010)
Date: 2010-10-30 18:46:46 UTC
From: DaniloI
Topic: 31600 Message: 31600

Today with my 897, I was keying CW with my usual vertical key when all of a sudden no more tx on cw.
I even tried to hear CW tone (by disabling "BK" function) but no tone heard.
During operations I experienced some RFI.
I made a full reset of the rig without success.
Rx is ok.
Shall I take my rig to service? A board broken ? Any suggestion?
By the way, SSB/AM/FM tx is ok.
Thanks beforehand for any advice.
73, Danilo IK1XHN

31601. Re: no cw transmit

Yahoo group: FT897 (2010)
Date: 2010-10-31 09:19:30 UTC
From: vk6ro
Topic: 31600 Message: 31601

Try all modes into a dummy load, see if the rig seems stable.

If the rig transmits ok into dummy load it may be an external problem

Check power cable from power supply to rig
cheers graham VK6RO

> During operations I experienced some RFI.

31602. Re: [FT897] Re: no cw transmit

Yahoo group: FT897 (2010)
Date: 2010-10-31 09:28:13 UTC
From: ROBERT FAREY
Topic: 31600 Message: 31602

Hi the key has not become disconnected has it, all that movement could have broken one of the wires to the plug or key. Regards robert,

--- On Sun, 31/10/10, vk6ro <vk6ro@...> wrote:

From: vk6ro <vk6ro@...>
Subject: [FT897] Re: no cw transmit
To: FT897@yahoogroups.com
Date: Sunday, 31 October, 2010, 9:19

Try all modes into a dummy load, see if the rig seems stable.

If the rig transmits ok into dummy load it may be an external problem

Check power cable from power supply to rig

cheers graham VK6RO

> During operations I experienced some RFI.

[Non-text portions of this message have been removed]

31603. interference on vhf and UHF

Yahoo group: FT897 (2010)
Date: 2010-10-31 12:35:47 UTC
From: bigiantrike
Topic: 31603 Message: 31603

Hi all
I am experiencing interference - buzzing on receive when listening to strong 2 mtr and 70 cm stations..There is no interference on transmit.
Ive checked all the obvious like power leads and coax connections. I have also tested speakers and get it on extension and internal speakers.

Your suggestions as to the likely cause would be gratefully appreciated.

Ian

31604. Re: interference on vhf and UHF

Yahoo group: FT897 (2010)
Date: 2010-10-31 16:06:27 UTC
From: Steve Yates
Topic: 31603 Message: 31604

Ian,

If it is a low frequency buzz then you are probably hearing the CTCSS of the station you are listening too assuming you are hearing this on FM. Either use a communication speaker with a frequency roll-off at about 300 Hz or use the DSP filter and set the low frequency cutoff to 280 Hz.

More information would be helpful but based on the usual 2 m and 70 cm operation I am guessing this is what you are hearing. Some FM only radio will already filter the frequencies below 300 Hz so that you don't hear these transmitted tones.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Hi all
> I am experiencing interference - buzzing on receive when listening to strong 2 mtr and 70 cm stations..There is no interference on transmit.
> Ive checked all the obvious like power leads and coax connections. I have also tested speakers and get it on extension and internal speakers.
>
> Your suggestions as to the likely cause would be gratefully appreciated.
>
> Ian
>

31605. Re: interference on vhf and UHF

Yahoo group: FT897 (2010)
Date: 2010-10-31 16:17:25 UTC
From: bigiantrike
Topic: 31603 Message: 31605

Hi Steve
Thanks for the reply.
It is not the ctcss tone the crackle is intermittent and happens on FM when I'm listening to a couple of repeaters.. At first i thought it might have been repeater end and not at the radio...but I'm not sure now..
You know how it is when something is bugging you...lol you start questioning your own findings..lol

Ian

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Ian,
>
> If it is a low frequency buzz then you are probably hearing the CTCSS of the station you are listening too assuming you are hearing this on FM. Either use a communication speaker with a frequency roll-off at about 300 Hz or use the DSP filter and set the low frequency cutoff to 280 Hz.
>
> More information would be helpful but based on the usual 2 m and 70 cm operation I am guessing this is what you are hearing. Some FM only radio will already filter the frequencies below 300 Hz so that you don't hear these transmitted tones.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >
> > Hi all
> > I am experiencing interference - buzzing on receive when listening to strong 2 mtr and 70 cm stations..There is no interference on transmit.
> > Ive checked all the obvious like power leads and coax connections. I have also tested speakers and get it on extension and internal speakers.
> >
> > Your suggestions as to the likely cause would be gratefully appreciated.
> >
> > Ian
> >
>

31606. Re: interference on vhf and UHF

Yahoo group: FT897 (2010)
Date: 2010-10-31 19:15:18 UTC
From: Steve Yates
Topic: 31603 Message: 31606

Hi Ian,

Here are a couple of other ideas to ponder...

I know this is a long shot, but florescent lights have been know to "phase modulate" a multipath return signal that in some cases is stronger the the direct signal. A phase modulated return is easily demodulated by an FM receiver. I've noticed this if i strategically park near a florescent advertisement sign. The lights are actually conducting plasma that switches on and off at the power line frequency.

An issue we have here in north Texas on 70 cm is the Enhanced Position Location Reporting System (EPLRS). This is a spread spectrum signal that sounds like a popping or crackling sound in FM receivers. It is a primary user on this shared band so we try to get along with it. See here:
http://www.aa5tb.com/sig13.html

In today's world of everything generating RF it could be your coffee pot ;-)

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Hi Steve
> Thanks for the reply.
> It is not the ctcss tone the crackle is intermittent and happens on FM when I'm listening to a couple of repeaters.. At first i thought it might have been repeater end and not at the radio...but I'm not sure now..
> You know how it is when something is bugging you...lol you start questioning your own findings..lol
>
> Ian

31607. RE: [FT897] No incoming s meter reading

Yahoo group: FT897 (2010)
Date: 2010-11-01 01:58:43 UTC
From: stephen godfrey
Topic: 31594 Message: 31607

Hi there Robert I tried having a look at the link that you have sent me and it tells me that there is no page found is the another address for this page Regards Stephen.

To: FT897@yahoogroups.com
From: robert.farey@btinternet.com
Date: Sat, 30 Oct 2010 08:20:57 +0100
Subject: Re: [FT897] No incoming s meter reading

Hi Stephen
i would recommend the following web site as a good source of reference:
http://www.ifwtech.co.uk/g3sek/cleansig/no-splat.htm.
Ian white has been a very knowledgeable author on a number of topics and is now GM3SEK.
Regards Robert.

--- On Sat, 30/10/10, Stephen Godfrey <lostinoz2010@...> wrote:

From: Stephen Godfrey <lostinoz2010@hotmail.com>
Subject: [FT897] No incoming s meter reading
To: FT897@...m
Date: Saturday, 30 October, 2010, 6:34

Hi to the group and thanks for all the advice so far ive been listening about compression levels and mic gain and have reduced my levels and seen an improvement I will still have some more questions regarding these issues later on Ive got not no incoming s meter reading as in receive know have tried going back to basics and cannot find what I have altered this time can anybody tell how to reset here please 73s Stephen

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31608. Re: No incoming s meter reading

Yahoo group: FT897 (2010)
Date: 2010-11-01 02:41:21 UTC
From: Steve Yates
Topic: 31594 Message: 31608

Hi Stephen,

I'll jump in here and say if you remove the period at the end of Robert's link it works okay here.

http://www.ifwtech.co.uk/g3sek/cleansig/no-splat.htm

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, stephen godfrey <lostinoz2010@...> wrote:
>
>
> Hi there Robert I tried having a look at the link that you have sent me and it tells me that there is no page found is the another address for this page Regards Stephen.
>
> To: FT897@yahoogroups.com
> From: robert.farey@...
> Date: Sat, 30 Oct 2010 08:20:57 +0100
> Subject: Re: [FT897] No incoming s meter reading
>
> Hi Stephen
> i would recommend the following web site as a good source of reference:
> http://www.ifwtech.co.uk/g3sek/cleansig/no-splat.htm.
> Ian white has been a very knowledgeable author on a number of topics and is now GM3SEK.
Regards Robert.

31609. Update on the buetooh adapters.

Yahoo group: FT897 (2010)
Date: 2010-11-01 14:56:10 UTC
From: mchenryproj
Topic: 31609 Message: 31609

It seems the batteries I found a ton of on eBay do fit the Jabra A210 units nicely. These are super cheap and are out there by the bucket full. If you are still interested in the bluetooth project involving the "dead" Jabra devices, read on.

I bought 5 of the dead Jabra devices from this link on eBay for $14.99:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=280358911341&ssPageName=STRK:MEWAX:IT

I then bought an ac adapter charger for about $4 from another vendor. I don't have that link saved but they are all over on eBay - Search Jabra AC adapter or similar.

I then bought batteries from here:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160388243494&ssPageName=STRK:MEWNX:IT

You can search for other multi-packs of these batteries by searching for "150MAH 3.7V 10C E-Flite BLADE" or similar.

I have confirmed all my Jarba units are functional with a good battery. I can connect and use them as I should be able to. They connect easily enough to the headset etc.

I am in the process of swaping the good batteries out for the new ones. I did also find 3 of the exact replacement batts from a cell phone shop that was repairing some sort of units and they are good to go as well.

So, in the end, I have 5 adapters with new batts for a total of about $35, with a little soldering work. The connections are tight on the Jabra boards but you can do it with a magnifying glass and steady hands. This project may not be for everyone. I will post some pics later of the project in motion.

I did build and test a nice adapter cable using a Cat connector and crimper, 2 wires from the cat (pins 4 & 5 for the Jabra audio out to the FT-897d mic in) and a 1/4" headphone out from the front panel connection into an inline 2.5mm stereo (TRS) connector and it works great. I kept the lengths fairly short but it's pretty easy if you have access to an RJ45 crimper set.

If anyone wants me to pre-make cables like mine for other headsets or your own Jabra project, contact me off list and we can chat about it. I have an RJ crimper.

More to come, with pics.

I bought the inline 2.55mm and 1/4" headphone out connector at Universal Radio. You may find them other places but they were convenient for me.

Sean
KB8JNE

31610. Re: Update on the buetooh adapters.

Yahoo group: FT897 (2010)
Date: 2010-11-01 15:51:58 UTC
From: mchenryproj
Topic: 31609 Message: 31610

Added pics of the battery replacement now. Look in the photos section for "Jabra A210 Bluetooth Project - KB8JNE"

I'll add pics of the cable tonight. 2 modified, 3 to go.

Sean
KB8JNE

31611. Re: What part of the 2m band to use my FT897 on?

Yahoo group: FT897 (2010)
Date: 2010-11-01 17:14:47 UTC
From: mchenryproj
Topic: 31570 Message: 31611

Yep, that was my fault but, it's still on Google. I am trying to get out of the US-centric mindset. I haven't been involved in radio for a few years and now that we have the Internet, it's all one much smaller community now, which I like. I just keep forgetting we are all here now.

The Google comment still stands. :p

Sean
KB8JNE

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@> wrote:
> >
> > Now I did assume this was in the US... It in fact will be different in other areas but substitute any other country in the Google search for "us" and you should find listings for those countries as well.
> >
>
> Yes the callsign was included in the OP, and it was from a UK station, so the info was 100% correct (:-))
>
> 73
> Jeff
>

31612. Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-11-01 17:28:14 UTC
From: Radio_Randy
Topic: 31545 Message: 31612

Hi Geoff,

Thanks for asking that question. I had, indeed, made measurements up to 100 watts on this radio. Here are the results:

1.8 to 50 MHz = 14.3 to 18.0 amps

144 MHz = 9.4 amps@50w

420 MHz = 8.7 amps@20w

Let me know if you desire the "per band" readings and I will email them to you, directly.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Geoff Blake <geoff@...> wrote:
>
> Hi Randy,
>
> Perchance you measured the current draw on 100W as well. At my present
> location (Cyprus) I am unable to.
>
> 73 Geoff G8GNZ
>
> On 30 October 2010 06:30, Radio_Randy <rjones@...> wrote:
>
> > Phillip,
> >
> > I measured the following current draws on my 897D. Keep in mind that I used
> > the radio setting (and not a wattmeter) for the power. Also, the draw varies
> > (as mentioned in another reply) per band.
> >
> > From 1.8 to 50 MHz:
> >
> > 5 watts = 4.0 to 4.7 amps
> > 10 watts = 5.3 to 6.4 amps
> > 25 watts = 7.3 to 9.2 amps
> > 50 watts = 10.6 to 12.9 amps
> >
> > 144 MHz:
> >
> > 5 watts = 3.4 amps
> > 10 watts = 4.2 amps
> > 25 watts = 6.3 amps
> > 50 watts = 9.4 amps
> >
> > 420 MHz:

> >
> > 5 watts = 4.2 amps
> > 10 watts = 5.6 amps
> > 20 watts = 8.7 amps
> >
> > In each scenario, the standby current (audio squelched) was .6 amps
> > continuous. I did not try to disable the backlight for these tests. Also,
> > the voltage used in the tests was 13.8 vdc.
> >
> > Keep in mind that these readings were taken with the radio operating on an
> > external DC supply and not via internal batteries. I'm guessing that the
> > current draw is a bit lower with the internal packs.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@> wrote:
> > >
> > > Can someone check and post what the approximate Current draw is on trhe
> > following power settings?
> > >
> > >
> > > 5W = Amps
> > > 10W = Amps
> > > 20W = Amps
> > > 50W = Amps
> > >
> > > Thank you.
> > > Phillip
> > >
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>

31613. Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-11-01 17:48:32 UTC
From: Radio_Randy
Topic: 31545 Message: 31613

Hi Robert,

I was assuming, in the original question, that Phillip was looking at "battery life" in a portable situation. That would be why he was only interested in the lower power outputs. My own feelings are that these radios (the FT-897D, IC-706, etc.) are poor choices for portable QRP operation, anyhow, due to the excessive standby draw.

As for the Buddipole, I purchased my package (complete with tripod and carrying bag) for portable operation where supports for a wire antenna were not available. I normally configure it as a dipole versus a vertical, but I've not experimented with it a whole lot. My home station consists of an FT-950 and yagis for 6, 10, 15 and 20 meters on a 40 foot tower. The 897, LDG tuner and Buddipole are just extra "play toys".

73, Randy N7CKJ

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Guys
> Â Â Â Â Â Â Â Â Â Â Â i think some of your expectations in using this Ft897 in some cases are a bit unrealistic given what it costs to buy.
> this radio has a wide band rf amplifier which is going to be a compromise at best to cover such a bandwidth.
> the facilities are also fine for a radio in this price range, the extra mods to this like the so called built in VSWR bridge is not anything but a bit of a gimmick.
> the use of some of the cheaper external bridges are actually no better sadly.
> my arsenal of equipment includes a bird reflector meter, with the slugs.
> accurate current draws are only going to tell you how inefficent this radio is in certain parts of it's range.
> this general for a radio of this quality, and i see a major issue that lets most of you down is the use of vertical antenna which have very little metal in the air.
> a doublet or even the the G5Rv pattern antenna will give far better results than a small vertical such as the buddipole.
> Â sorry but it all come down to cost and this radio as the advert show is great if you use a key. Â Â Regards RobertÂ
>
> --- On Sat, 30/10/10, Geoff Blake <geoff@...> wrote:
>
> From: Geoff Blake <geoff@...>
> Subject: Re: [FT897] Re: Transmit Current Draw
> To: FT897@yahoogroups.com
> Date: Saturday, 30 October, 2010, 6:37
>
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> Hi Randy,
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>
> Perchance you measured the current draw on 100W as well. At my present
>
> location (Cyprus) I am unable to.
>
>
>
> 73 Geoff G8GNZ
>
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>
> On 30 October 2010 06:30, Radio_Randy <rjones@...> wrote:
>
>
>
> > Phillip,
>
> >
>
> > I measured the following current draws on my 897D. Keep in mind that I used
>
> > the radio setting (and not a wattmeter) for the power. Also, the draw varies
>
> > (as mentioned in another reply) per band.
>
> >
>
> > From 1.8 to 50 MHz:
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> >
>
> > 5 watts = 4.0 to 4.7 amps
>
> > 10 watts = 5.3 to 6.4 amps

>
> > 25 watts = 7.3 to 9.2 amps
>
> > 50 watts = 10.6 to 12.9 amps
>
> >
>
> > 144 MHz:
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> >
>
> > 5 watts = 3.4 amps
>
> > 10 watts = 4.2 amps
>
> > 25 watts = 6.3 amps
>
> > 50 watts = 9.4 amps
>
> >
>
> > 420 MHz:
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> >
>
> > 5 watts = 4.2 amps
>
> > 10 watts = 5.6 amps
>
> > 20 watts = 8.7 amps
>
> >
>
> > In each scenario, the standby current (audio squelched) was .6 amps
>
> > continuous. I did not try to disable the backlight for these tests. Also,
>
> > the voltage used in the tests was 13.8 vdc.
>
> >
>
> > Keep in mind that these readings were taken with the radio operating on an
>
> > external DC supply and not via internal batteries. I'm guessing that the
>
> > current draw is a bit lower with the internal packs.
>
> >
>
> > 73, Randy N7CKJ

>
> >
>
> > --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@> wrote:
>
> > >
>
> > > Can someone check and post what the approximate Current draw is on trhe
>
> > following power settings?
>
> > >
>
> > >
>
> > > 5W = Amps
>
> > > 10W = Amps
>
> > > 20W = Amps
>
> > > 50W = Amps
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> > >
>
> > > Thank you.
>
> > > Phillip
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31614. Re: [FT897] Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-11-01 19:11:31 UTC
From: Geoff Blake
Topic: 31545 Message: 31614

On 1 November 2010 17:28, Radio_Randy <rjones@...> wrote:

> Hi Geoff,
>
> Thanks for asking that question. I had, indeed, made measurements up to 100
> watts on this radio. Here are the results:
>
> 1.8 to 50 MHz = 14.3 to 18.0 amps
>
> 144 MHz = 9.4 amps@50w
>
> 420 MHz = 8.7 amps@20w
>
> Let me know if you desire the "per band" readings and I will email them to
> you, directly.
>
> 73, Randy N7CKJ
>
> Hi Randy,

Thanks, the info you have provided is fine thank you.

73 de Geoff G8GNZ
--

[Non-text portions of this message have been removed]

31615. Re: [FT897] Re: Transmit Current Draw

Yahoo group: FT897 (2010)
Date: 2010-11-01 20:03:12 UTC
From: ROBERT FAREY
Topic: 31545 Message: 31615

Hi Randy
it sounds like you are better placed than most with a 40 ' tower.
the collection of antenna's sounds like heaven to lot of amateurs.
the buddipole how ever is a real compromise as it is a shorten dipole.
we have a similar antenna here in the united kingdom it puts the elements at 45 degrees to one another.
The claims seem to be very good, and we also have a guy in the west of wales selling a similar thing which uses two 10 metre poles at 60 degrees but he has made the mistake of using carbon fibre and the wire is fed up the inside, which means it is shielded and that means all this is, is a 20 metre loop.
which one of our club member's has had a lot of problems with.
I do agree that the two radio's chosen do have short comings but the suggest output in the literature for the ft897 suggested it was ok for 20watts on CW only and no mention of any voice mode Regards robert

--- On Mon, 1/11/10, Radio_Randy <rjones@...> wrote:

From: Radio_Randy <rjones@theofficenet.com>
Subject: [FT897] Re: Transmit Current Draw
To: FT897@yahoogroups.com
Date: Monday, 1 November, 2010, 17:48

Hi Robert,

I was assuming, in the original question, that Phillip was looking at "battery life" in a portable situation. That would be why he was only interested in the lower power outputs. My own feelings are that these radios (the FT-897D, IC-706, etc.) are poor choices for portable QRP operation, anyhow, due to the excessive standby draw.

As for the Buddipole, I purchased my package (complete with tripod and carrying bag) for portable operation where supports for a wire antenna were not available. I normally configure it as a dipole versus a vertical, but I've not experimented with it a whole lot. My home station consists of an FT-950 and yagis for 6, 10, 15 and 20 meters on a 40 foot tower. The 897, LDG tuner and Buddipole are just extra "play toys".

73, Randy N7CKJ

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:

>

> Hi Guys

> Â Â Â Â Â Â Â Â Â Â Â Â i think some of your expectations in using this Ft897 in some cases are a bit unrealistic given what it costs to buy.

> this radio has a wide band rf amplifier which is going to be a compromise at best to cover such a bandwidth.

> the facilities are also fine for a radio in this price range, the extra mods to this like the so called built in VSWR bridge is not anything but a bit of a gimmick.

> the use of some of the cheaper external bridges are actually no better sadly.

> my arsenal of equipment includes a bird reflector meter, with the slugs.

> accurate current draws are only going to tell you how inefficent this radio is in certain parts of it's range.

> this general for a radio of this quality, and i see a major issue that lets most of you down is the use of vertical antenna which have very little metal in the air.

> a doublet or even the the G5Rv pattern antenna will give far better results than a small vertical such as the buddipole.

> Â sorry but it all come down to cost and this radio as the advert show is great if you use a key. ÂÂ Regards RobertÂ

>

> --- On Sat, 30/10/10, Geoff Blake <geoff@...> wrote:

>

> From: Geoff Blake <geoff@...>

> Subject: Re: [FT897] Re: Transmit Current Draw

> To: FT897@yahoogroups.com

> Date: Saturday, 30 October, 2010, 6:37

>

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>

> Hi Randy,

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>

> Perchance you measured the current draw on 100W as well. At my present

>

> location (Cyprus) I am unable to.

>

>

>

> 73 Geoff G8GNZ

>

>

>

> On 30 October 2010 06:30, Radio_Randy <rjones@...> wrote:

>

>

>

> > Phillip,

>

> >

>

> > I measured the following current draws on my 897D. Keep in mind that I used

>

> > the radio setting (and not a wattmeter) for the power. Also, the draw varies

>

> > (as mentioned in another reply) per band.

>

> >

>

> > From 1.8 to 50 MHz:

>

> >

>

> > 5 watts = 4.0 to 4.7 amps

>

> > 10 watts = 5.3 to 6.4 amps

>

> > 25 watts = 7.3 to 9.2 amps

>

> > 50 watts = 10.6 to 12.9 amps

>

> >

>

> > 144 MHz:

>

> >

>

> > 5 watts = 3.4 amps

>

> > 10 watts = 4.2 amps

>

> > 25 watts = 6.3 amps

>

> > 50 watts = 9.4 amps

>

> >

>

> > 420 MHz:

>

> >

>

> > 5 watts = 4.2 amps

>

> > 10 watts = 5.6 amps

>

> > 20 watts = 8.7 amps

>

> >

>

> > In each scenario, the standby current (audio squelched) was .6 amps

>

> > continuous. I did not try to disable the backlight for these tests. Also,

>

> > the voltage used in the tests was 13.8 vdc.

>

> >

>

> > Keep in mind that these readings were taken with the radio operating on an

>

> > external DC supply and not via internal batteries. I'm guessing that the

>

> > current draw is a bit lower with the internal packs.

>

> >

>

> > 73, Randy N7CKJ

>

> >

>

> > --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@> wrote:

>

> > >

>

> > > Can someone check and post what the approximate Current draw is on trhe

>

> > following power settings?

>

> > >

>

> > >

>

> > > 5W = Amps

>

> > > 10W = Amps

>

> > > 20W = Amps

>

> > > 50W = Amps

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> > >

>

> > > Thank you.

>

> > > Phillip

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> > Yahoo! Groups Links

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> [Non-text portions of this message have been removed]

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> [Non-text portions of this message have been removed]

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31616. Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-01 20:09:27 UTC
From: Danny Loyd
Topic: 31616 Message: 31616

I have been waiting until I had tried everything except pulling my hair out to ask this question, but, when I transmit on 80 meters I keep getting reports that my audio is breaking up like I have a bad mic connection. The radio works great on every band, including 160 meters with no reports of breaking up. I have tried two different antennae, a G5RV and Inverted L. Get the same report on both. Could the problem be a mismatch between the rig and antenna even though I show no more than 2:1 SWR when talking on the band?

Any help or answers would be appreciated. Don't want to start making myself bald over this.

Thanks,

Danny
KE5WDI

31617. Re: [FT897] Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-01 20:14:21 UTC
From: ROBERT FAREY
Topic: 31616 Message: 31617

Hi Danny
those RJ45 Connects are not all that brilliant it sometime takes several when trying to fit a new one before you can get them just right.
so i would suggest it is the microphone cable at the connector end that is at fault.

Regards robert g6LLP

--- On Mon, 1/11/10, Danny Loyd <ke5wdi@...> wrote:

From: Danny Loyd <ke5wdi@...>
Subject: [FT897] Breaking up on 80 Meters
To: FT897@yahoogroups.com
Date: Monday, 1 November, 2010, 20:09

I have been waiting until I had tried everything except pulling my hair out to

ask this question, but, when I transmit on 80 meters I keep getting reports that

my audio is breaking up like I have a bad mic connection. The radio works great

on every band, including 160 meters with no reports of breaking up. I have tried

two different antennae, a G5RV and Inverted L. Get the same report on both.

Could the problem be a mismatch between the rig and antenna even though I show

no more than 2:1 SWR when talking on the band?

Any help or answers would be appreciated. Don't want to start making myself bald

over this.

Thanks,

Danny

KE5WDI

[Non-text portions of this message have been removed]

31618. RE: [FT897] Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-01 21:00:20 UTC
From: eric@van-de-weyer.org
Topic: 31616 Message: 31618

Hi Danny,

pulling your hair out is very unlikely to help!

If this is happening on the one band only, then I suspect that you may have
a problem with RF getting back into the mic on that band.

Is the antenna close to the operating position?

You might try wrapping the mic lead around a piece of ferrite rod or passing
a few turns of it through a ferrite torroid and see if that helps.

Getting the SWR lower may also help too. 2:1 is really a bit high, although
not excessive, and I personally wouldn't operate unless it was below 1.5:1

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Danny Loyd <ke5wdi@...>
>Date: Mon, 1 Nov 2010 13:09:27 -0700 (PDT)
>Subject: [FT897] Breaking up on 80 Meters
>Reply-To: FT897@yahoogroups.com
>
>
>I have been waiting until I had tried everything except pulling my hair
out
>to
>ask this question, but, when I transmit on 80 meters I keep getting reports
>that
>my audio is breaking up like I have a bad mic connection. The radio works
>great
>on every band, including 160 meters with no reports of breaking up. I have
>tried
>two different antennae, a G5RV and Inverted L. Get the same report on both.
>
>Could the problem be a mismatch between the rig and antenna even though
I
>show
>no more than 2:1 SWR when talking on the band?
>
>
>Any help or answers would be appreciated. Don't want to start making myself
>bald
>over this.
>
>Thanks,

>
>Danny
>KE5WDI
>
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>
>Yahoo! Groups Links
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31619. Re: [FT897] MENU MODE No•057 [MEM/VFO DIAL MODE]

Yahoo group: FT897 (2010)
Date: 2010-11-01 23:44:15 UTC
From: Michael Hughey
Topic: 31590 Message: 31619

Nope, you have to go into the menu to see what you've set you rf power to.

Mike - KF4DUS

--- On Fri, 10/29/10, scotchmandr <scotchmandr@yahoo.com> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] MENU MODE No•057 [MEM/VFO DIAL MODE]
To: FT897@yahoogroups.com
Date: Friday, October 29, 2010, 11:51 AM

Regarding MENU MODE No•057 [MEM/VFO DIAL MODE]

I would like tto set mine to "RF Power" but in doing so, there is no feedback regarding the Setting. Am I doing something wrong? Shouldn't there be some type of feedback on the LCD otherwise it is just pure random guessing.

72/73,

Phillip (N8AYE)

-. ---.. .- -.-- .

[Non-text portions of this message have been removed]

31620. Re: [FT897] MENU MODE No•057 [MEM/VFO DIAL MODE]

Yahoo group: FT897 (2010)
Date: 2010-11-02 08:06:25 UTC
From: ROBERT FAREY
Topic: 31590 Message: 31620

Hi guys
Jusy what do you expect for the money.
this radio is superior to almost all the comparable radios given how much it cost.
the radio i bought earlier this year when the yen was low against the pound was a liitle over 600 GBP.
today it may be near 900 GBP but it is still excellent value for money.
At the same time. I Bought a Icom 7400 was on special offer at 1300GBP It is the end of the line Version of The Icom 756 Pro.
It has none of the features i keep seeing you guys wanting in a transciever.
In actually fact it has all the features and controls that the Icom 7400 has and some extra's.
As they say you get what you pay for in this life, you could always part exchange it for something better but it will cost a lot more. Regards Robert G6LLP

--- On Mon, 1/11/10, Michael Hughey <rsq14emt@...> wrote:

From: Michael Hughey <rsq14emt@...>
Subject: Re: [FT897] MENU MODE No•057 [MEM/VFO DIAL MODE]
To: FT897@yahoogroups.com
Date: Monday, 1 November, 2010, 23:44

Nope, you have to go into the menu to see what you've set you rf power to.

Mike - KF4DUS

--- On Fri, 10/29/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>

Subject: [FT897] MENU MODE No•057 [MEM/VFO DIAL MODE]

To: FT897@yahoogroups.com

Date: Friday, October 29, 2010, 11:51 AM

Regarding MENU MODE No•057 [MEM/VFO DIAL MODE]

I would like tto set mine to "RF Power" but in doing so, there is no feedback regarding the Setting. Am I doing something wrong? Shouldn't there be some type of feedback on the LCD otherwise it is just pure random guessing.

72/73,

Phillip (N8AYE)

-. ---.. .- -.-- .

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31621. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-02 13:18:42 UTC
From: Pronto. (Military)
Topic: 31616 Message: 31621

A G5RV has a very high SWR on 80 Meters like 6:1 or more and frequently automatic tuners burn out the relay for that band. Evenso, if you are using a manual tuner try using a ground of a different length. As a ground length approaches 1/4 wavelength it put the rig at a voltage peak and being voltage fed, the antenna won't tune. A 1/4 wave is pretty long on 80 meters but try a different earthing point. It sounds as if you maybe have Rf getting back into the rig.
Failing that, start looking at the 80 meter output relay and associated tuned filters for loose connections.
Jim VE3DDY

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have been waiting until I had tried everything except pulling my hair out to
> ask this question, but, when I transmit on 80 meters I keep getting reports that
> my audio is breaking up like I have a bad mic connection. The radio works great
> on every band, including 160 meters with no reports of breaking up. I have tried
> two different antennae, a G5RV and Inverted L. Get the same report on both.
> Could the problem be a mismatch between the rig and antenna even though I show
> no more than 2:1 SWR when talking on the band?
>
>
> Any help or answers would be appreciated. Don't want to start making myself bald
> over this.
>
> Thanks,
>
> Danny
> KE5WDI
>

31622. Re: [FT897] Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-02 14:49:01 UTC
From: Danny Loyd
Topic: 31616 Message: 31622

Chris,

It is breaking up at all power levels. The feed line is feeding directly to 50 ohm coax into the ATU on the G5RV. The closest leg for the antenna is about 50 ft from the rig running north to south over the roof of the house from the tower with lowest point about 25' off the ground or higher. Middle of antenna is at 48' above ground. The antenna I have is the MFJ 10-80 meter model. It was tuning okay when I first set it up a little over a year ago. Will try putting a ferrite choke on the mic feed line and see what happens.

Danny
KE5WDI

From: Chris Baker <honywood@...>
To: Danny Loyd <ke5wdi@...>
Sent: Tue, November 2, 2010 8:39:04 AM
Subject: Re: [FT897] Breaking up on 80 Meters

g5rv may not load correctly on 80m, its designed for20m and a valve output stage, i hope you are running the g5rv twin feeder straight to the coax with no balun at that junction then back to the un un coax of the atu. does the breaking occur at 100w or at all power settings?.
if you the run the efed, again the earth is crucial to use and efeds often have feedback/breakthrough.
is the aerial legs anywhere near the radio or is it all 75' away?

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
G-QRP: 6884
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Mon, 1/11/10, Danny Loyd <ke5wdi@...> wrote:

>From: Danny Loyd <ke5wdi@...>
>Subject: Re: [FT897] Breaking up on 80 Meters
>To: "Chris Baker" <honywood@...>
>Date: Monday, 1 November, 2010, 23:18
>

>
>My antenna is approximately 75 feet from the station, maybe a little further. Do
>you all think a Ferrite choke on the mic feed line just before the connector
>into the radio would help?
>
>Danny
>KE5WDI
>
>
>
>

_____
From: Chris Baker <honywood@...>
>To: ke5wdi@hifivers.net
>Sent: Mon, November 1, 2010 3:32:59 PM
>Subject: Re: [FT897] Breaking up on 80 Meters
>
>
>Sounds like RF breakthrough. Had similar when running a SES on 80m had to
>quickly re-lay out station & aerial set up to clear it. How far from the aerial
>is the radio?
>Could be RF into the PSU, into the mic lead etc.
>
>
>Thanks
>
>Chris Baker B.A.
>
>
>Sunny Morecambe, the gateway to the Lakes
>ARS: G4LDS
>WAB:SD 46
>LOC: IO84 NB
>G-QRP: 6884
>IOTA: EU005
>The SANDS Contest group : G1T
>G4LDS@...
>
>--- On Mon, 1/11/10, Danny Loyd <ke5wdi@...> wrote:
>
>
>>From: Danny Loyd <ke5wdi@...>
>>Subject: [FT897] Breaking up on 80 Meters
>>To: FT897@yahoogroups.com
>>Date: Monday, 1 November, 2010, 20:09
>>
>>
>>
>>I have been waiting until I had tried everything except pulling my hair out to

>>ask this question, but, when I transmit on 80 meters I keep getting reports that
>>
>>my audio is breaking up like I have a bad mic connection. The radio works great
>
>>on every band, including 160 meters with no reports of breaking up. I have tried
>>
>>two different antennae, a G5RV and Inverted L. Get the same report on both.
>>Could the problem be a mismatch between the rig and antenna even though I show

>>no more than 2:1 SWR when talking on the band?
>>
>>Any help or answers would be appreciated. Don't want to start making myself bald
>>
>>over this.
>>
>>Thanks,
>>
>>Danny
>>KE5WDI
>>
>>

[Non-text portions of this message have been removed]

31623. Re: [FT897] Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-02 15:45:21 UTC
From: ROBERT FAREY
Topic: 31616 Message: 31623

Hi guys

check the state of the antenna as i found out some are not put together
very well as the wire is insulated wire and the connections are crimped
on and they do tend to go loose.

when the anteena has been up for a yaer or so so it may be time to
check out all the connections a high vswr is the
indicator Regards \Robert.

--- On Tue, 2/11/10, Pronto. (Military) <portdoverbells@...> wrote:

From: Pronto. (Military) <portdoverbells@...m>
Subject: [FT897] Re: Breaking up on 80 Meters
To: FT897@yahoogroups.com
Date: Tuesday, 2 November, 2010, 13:18

A G5RV has a very high SWR on 80 Meters like 6:1 or more and frequently automatic tuners burn out the relay for that band. Evenso, if you are using a manual tuner try using a ground of a different length. As a ground length approaches 1/4 wavelength it put the rig at a voltage peak and being voltage fed, the antenna won't tune. A 1/4 wave is pretty long on 80 meters but try a different earthing point. It sounds as if you maybe have Rf getting back into the rig.

Failing that, start looking at the 80 meter output relay and associated tuned filters for loose connections.

Jim VE3DDY

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:

>

> I have been waiting until I had tried everything except pulling my hair out to

> ask this question, but, when I transmit on 80 meters I keep getting reports that

> my audio is breaking up like I have a bad mic connection. The radio works great

> on every band, including 160 meters with no reports of breaking up. I have tried

> two different antennae, a G5RV and Inverted L. Get the same report on both.

> Could the problem be a mismatch between the rig and antenna even though I show

> no more than 2:1 SWR when talking on the band?

>

>

> Any help or answers would be appreciated. Don't want to start making myself bald

> over this.

>

> Thanks,

>

> Danny

> KE5WDI

>

[Non-text portions of this message have been removed]

31624. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-03 17:36:55 UTC
From: dyarnes1
Topic: 31616 Message: 31624

Everything Jim says is pretty much right based on what I know. The real problem may be, however, that the G5RV is actually a pretty lousy antenna if you are really trying to use it on a lot of different bands. It's been way oversold as to its capabilities, and it's use has been extended far beyond what the designer really intended.

I think the G5RV is a perfect example of what many antenna gurus say--if you put up just about any antenna, of a decent length, it will probably "work". That doesn't mean it will work particularly well! The G5RV was designed to work on 80 and 20 meters--that's all! It was also intended to be used with a tuner, and not one that is meager as to its capabilities.

As Jim points out, most automatic tuners built into today's rigs tend to struggle with loads higher than around 3:1. These tuners are intended to make wider band excursions possible, but not necessarily to facilitate multi-band operation with non-resonant antennas. Elecraft is an exception, as are a few others, but even those aren't capable of dealing with some of the loads you might see on certain bands using a G5RV.

The G5RV complicates things actually. The matching system is really only effective for the bands originally intended. If you really want to have one antenna for multiple bands, you would be much better off getting rid of the coax all together, and using a good balanced line tuner. Even then you might have to fiddle with feedline lengths, but you will definitely be better off overall. It's a much simpler setup overall, and also much more efficient. I think if G5RV users, and potential users, would take the time to read some of the excellent technical analysis articles that have been written about the G5RV, they will better realize why it's not the panacea a lot of folks seem to think it is. By the way, ZS6BKW developed a much better version of the G5RV, which is well worth looking at, but it still doesn't solve a great many of the problems.

Another method of feeding multi-band antennas that has become very popular, and also very effective, is to put your tuner close to the antenna--a remote tuner arrangement. While this is more complicated, it is an excellent alternative, particularly where you want to use coax. Getting the match right, at the antenna (50 ohms), allows you to then use coax without suffering those huge losses in the coax due to the extreme mismatch.

Danny may simply have some mechanical problems in his system--bad coax, bad connections, etc.--but a lot of his problem may be the inherent limitations of this antenna, and the difficulty in overcoming them.

Dave W7AQK

--- In FT897@yahoogroups.com, "Pronto. (Military)" <portdoverbells@...> wrote:
>
> A G5RV has a very high SWR on 80 Meters like 6:1 or more and frequently automatic tuners burn out the relay for that band. Evenso, if you are using a manual tuner try using a ground of a different length. As a ground length approaches 1/4 wavelength it put the rig at a voltage peak and being voltage fed, the antenna won't tune. A 1/4 wave is pretty long on 80 meters but try a different earthing point. It sounds as if you maybe have Rf getting

back into the rig.
> Failing that, start looking at the 80 meter output relay and associated tuned filters for loose connections.
> Jim VE3DDY
>
> --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@> wrote:
> >
> > I have been waiting until I had tried everything except pulling my hair out to
> > ask this question, but, when I transmit on 80 meters I keep getting reports that
> > my audio is breaking up like I have a bad mic connection. The radio works great
> > on every band, including 160 meters with no reports of breaking up. I have tried
> > two different antennae, a G5RV and Inverted L. Get the same report on both.
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> > no more than 2:1 SWR when talking on the band?
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> >
> > Any help or answers would be appreciated. Don't want to start making myself bald
> > over this.
> >
> > Thanks,
> >
> > Danny
> > KE5WDI
> >
>

31625. Re: [FT897] Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-03 17:55:41 UTC
From: Joe
Topic: 31616 Message: 31625

If I might jump in....

I have extremely good performance with my flattop, off center fed dipole. (Also known as, in its various itinerations, as a Windom) I run the non ladder-line version...coax to the 4:1 balun. I do have a roller inductor tuner (TenTec 229) but rarely use it on the Windom as my match is 1.5 or lower, across the board, except for 17 where the match is 1.8.

The wire handles power quite well....I rarely exceed 400 watts but have implemented my L-4B to get through a nasty pile-up or two.

I am quite happy that I 'generally' can talk to anyone I hear.

Just adding my observations......

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "dyarnes1" <w7aqk@...>
Subject: [FT897] Re: Breaking up on 80 Meters

> Everything Jim says is pretty much right based on what I know. The real
> problem may be, however, that the G5RV is actually a pretty lousy antenna
> if you are really trying to use it on a lot of different bands. It's been
> way oversold as to its capabilities, and it's use has been extended far
> beyond what the designer really intended.

31626. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-03 22:52:39 UTC
From: Pronto. (Military)
Topic: 31616 Message: 31626

The best thing I did with my G5RV was to reconfigure it into a "Super Loop" to work multiband. It was a great antenna but came down in an Ice storm and I replaced it with a mini trap dipole.
For the loop design see :
http://www.iw5edi.com/ham-radio/30/super-loop-antenna

Jim VE3DDY

--- In FT897@yahoogroups.com, "dyarnes1" <w7aqk@...> wrote:
>
> Everything Jim says is pretty much right based on what I know. The real problem may be, however, that the G5RV is actually a pretty lousy antenna if you are really trying to use it on a lot of different bands. It's been way oversold as to its capabilities, and it's use has been extended far beyond what the designer really intended.
>
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>
> As Jim points out, most automatic tuners built into today's rigs tend to struggle with loads higher than around 3:1. These tuners are intended to make wider band excursions possible, but not necessarily to facilitate multi-band operation with non-resonant antennas. Elecraft is an exception, as are a few others, but even those aren't capable of dealing with some of the loads you might see on certain bands using a G5RV.
>
> The G5RV complicates things actually. The matching system is really only effective for the bands originally intended. If you really want to have one antenna for multiple bands, you would be much better off getting rid of the coax all together, and using a good balanced line tuner. Even then you might have to fiddle with feedline lengths, but you will definitely be better off overall. It's a much simpler setup overall, and also much more efficient. I think if G5RV users, and potential users, would take the time to read some of the excellent technical analysis articles that have been written about the G5RV, they will better realize why it's not the panacea a lot of folks seem to think it is. By the way, ZS6BKW developed a much better version of the G5RV, which is well worth looking at, but it still doesn't solve a great many of the problems.
>
> Another method of feeding multi-band antennas that has become very popular, and also very effective, is to put your tuner close to the antenna--a remote tuner arrangement. While this is more complicated, it is an excellent alternative, particularly where you want to use coax. Getting the match right, at the antenna (50 ohms), allows you to then use coax without suffering those huge losses in the coax due to the extreme mismatch.
>
> Danny may simply have some mechanical problems in his system--bad coax, bad connections,

etc.--but a lot of his problem may be the inherent limitations of this antenna, and the difficulty in overcoming them.
>
> Dave W7AQK
>
> --- In FT897@yahoogroups.com, "Pronto. (Military)" <portdoverbells@> wrote:
> >
> > A G5RV has a very high SWR on 80 Meters like 6:1 or more and frequently automatic tuners burn out the relay for that band. Evenso, if you are using a manual tuner try using a ground of a different length. As a ground length approaches 1/4 wavelength it put the rig at a voltage peak and being voltage fed, the antenna won't tune. A 1/4 wave is pretty long on 80 meters but try a different earthing point. It sounds as if you maybe have Rf getting back into the rig.
> > Failing that, start looking at the 80 meter output relay and associated tuned filters for loose connections.
> > Jim VE3DDY
> >
> > --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@> wrote:
> > >
> > > I have been waiting until I had tried everything except pulling my hair out to
> > > ask this question, but, when I transmit on 80 meters I keep getting reports that
> > > my audio is breaking up like I have a bad mic connection. The radio works great
> > > on every band, including 160 meters with no reports of breaking up. I have tried
> > > two different antennae, a G5RV and Inverted L. Get the same report on both.
> > > Could the problem be a mismatch between the rig and antenna even though I show
> > > no more than 2:1 SWR when talking on the band?
> > >
> > >
> > > Any help or answers would be appreciated. Don't want to start making myself bald
> > > over this.
> > >
> > > Thanks,
> > >
> > > Danny
> > > KE5WDI
> > >
> >
>

31627. FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-04 15:37:14 UTC
From: gefi_can
Topic: 31627 Message: 31627

Hallo Guys..

I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.
The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.
On freq. 14 MHz I can hear all kind of noises coming from my PC....
I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.
I unplugged radio from external power supply and plugged radio on
12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.
I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

Any suggestions are welcome....

Thank you....
Peter OM3TLP.

31628. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-04 16:39:18 UTC
From: David Okrent
Topic: 31616 Message: 31628

So from what I read you had the same problem with both antennas; therefore this isn't an antenna problem. Do you use an RF isolator or 1:1 balun on your transmission line? What I would start with is putting a dummy load and SWR meter at the output of the antenna. You can use an incandescent light at a wattage higher than what you are putting out as the dummy load (old school).

Switch to AM or CW, to get a carrier, and key down or hold the mike and check the SWR on 80 meters and another frequency. It should be 1:1 or there abouts.

Now move the dummy load, leaving the SWR meter where it is, to the end of the coax feed line. Repeat the test. The SWR should be around 1:2 or less. If not you have a coax problem, most likely a connector. If the coax is good then you can add the balun into the line, if you use one, and test that as well.

This may help isolate the problem, if its RF related. It can still be something in the rig, perhaps a bad component in the AF circuitry that has become sensitive to some leaky RF in the 80 m band.

Also, I am assuming you our at least using a 1:1 balun or RF isolator (ferrite beads) to kill RF being reflected back to your radio via the coax shield.

Home Email: dokrent@...

31629. Re: [FT897] Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-04 17:15:00 UTC
From: ROBERT FAREY
Topic: 31616 Message: 31629

Hi Joe
we have an older member in the local radio club who reckons the only reason louis verney antenna the G5RV is only 105 feet long is because it was the length of his garden. I think given thought to it and came up with the same conclusion that most people have it may be ok on 20 metres and 40 metres but when the connections start to deteriate over time. The vswr seems to change and not for the better, it is time to replace it with a new one. The problem is what it is supposed to be and what is sold as a G5RV is the real problem. some times you get crimped connections and a cable connection at the bottom of the ladder line that is not a 1:1 balun but just a connector that connects ladder line to a so 230 socket which is connecte to the coax lead in.
this connection on many occaisions is filled with water hence the high vswr.
I have replaced mine with a proper 1:1 balun and the results speak for themselves.
Regards
Robert.

--- On Wed, 3/11/10, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@gmail.com>
Subject: Re: [FT897] Re: Breaking up on 80 Meters
To: FT897@yahoogroups.com
Date: Wednesday, 3 November, 2010, 17:55

If I might jump in....

I have extremely good performance with my flattop, off center fed dipole.

(Also known as, in its various itinerations, as a Windom) I run the non

ladder-line version...coax to the 4:1 balun. I do have a roller inductor

tuner (TenTec 229) but rarely use it on the Windom as my match is 1.5 or

lower, across the board, except for 17 where the match is 1.8.

The wire handles power quite well....I rarely exceed 400 watts but have

implemented my L-4B to get through a nasty pile-up or two.

I am quite happy that I 'generally' can talk to anyone I hear.

Just adding my observations......

Joe Wolfe

WA6RKN

Reno, Nevada

----- Original Message -----

From: "dyarnes1" <w7aqk@cox.net>

Subject: [FT897] Re: Breaking up on 80 Meters

> Everything Jim says is pretty much right based on what I know. The real

> problem may be, however, that the G5RV is actually a pretty lousy antenna

> if you are really trying to use it on a lot of different bands. It's been

> way oversold as to its capabilities, and it's use has been extended far

> beyond what the designer really intended.

[Non-text portions of this message have been removed]

31630. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-04 21:01:27 UTC
From: Radio_Randy
Topic: 31616 Message: 31630

Danny,

Have you tested your transmitter into a dummy load? If it breaks up there, your problem is with your radio.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have been waiting until I had tried everything except pulling my hair out to
> ask this question, but, when I transmit on 80 meters I keep getting reports that
> my audio is breaking up like I have a bad mic connection. The radio works great
> on every band, including 160 meters with no reports of breaking up. I have tried
> two different antennae, a G5RV and Inverted L. Get the same report on both.
> Could the problem be a mismatch between the rig and antenna even though I show
> no more than 2:1 SWR when talking on the band?
>
>
> Any help or answers would be appreciated. Don't want to start making myself bald
> over this.
>
> Thanks,
>
> Danny
> KE5WDI
>

31631. Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-04 21:04:40 UTC
From: Radio_Randy
Topic: 31627 Message: 31631

Peter,

My first suggestion is to check your CAT cable out with an ohmmeter. It sounds like you might have broken a ground conductor.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:
>
> Hallo Guys..
>
> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.
> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.
> On freq. 14 MHz I can hear all kind of noises coming from my PC....
> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.
> I unplugged radio from external power supply and plugged radio on
> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.
> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.
>
>
> Any suggestions are welcome....
>
> Thank you....
> Peter OM3TLP.
>

31632. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 01:19:45 UTC
From: George F
Topic: 31627 Message: 31632

Hi Randy....

I have a bad news..... the ground is good... I have feeling I have to buy a new CAT cable (it was not cheap...).... I will go for USB CAT cable...

Thank you for quick respond...

Peter (62) OM3TLP

From: Radio_Randy <rjones@...>
Subject: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com
Received: Thursday, November 4, 2010, 5:04 PM

Peter,

My first suggestion is to check your CAT cable out with an ohmmeter. It sounds like you might have broken a ground conductor.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

[Non-text portions of this message have been removed]

31633. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 04:44:51 UTC
From: B Young
Topic: 31627 Message: 31633

Check Ebay. Bought one very reasonable. Works great!

73 Barry K9BAY

On Nov 4, 2010 9:46 PM, "George F" <gefi_can@...> wrote:

Hi Randy....

I have a bad news..... the ground is good... I have feeling I have to buy
a new CAT cable (it was not cheap...).... I will go for USB CAT cable...

Thank you for quick respond...

Peter (62) OM3TLP

From: Radio_Randy <rjones@... <rjones%40theofficenet.com>>
Subject: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
Received: Thursday, November 4, 2010, 5:04 PM

Peter,

My first suggestion is to check your CAT cable out with an ohmmeter. It
sounds like you...
[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31634. Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 13:32:26 UTC
From: w1ioo@cooledge.com
Topic: 31627 Message: 31634

I have been reading this post. When I got my ft-897d two years ago the cat cable into the back of the rig was not making a good connection. I cut 1/8 inch from the connector and the connector went further into the back of the rig. Back then other users had the same problem and this fix helped them. Now I have the same type of problem again when I try to tune the ldg at-897. I press the connector in hard and it starts to work. Are users having better results with the new cat cables?

Wally w1ioo

[Non-text portions of this message have been removed]

31635. Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 13:32:44 UTC
From: William
Topic: 31627 Message: 31635

Normal stuff.
You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:
>
> Hallo Guys..
>
> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.
> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.
> On freq. 14 MHz I can hear all kind of noises coming from my PC....
> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.
> I unplugged radio from external power supply and plugged radio on
> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.
> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.
>
>
> Any suggestions are welcome....
>
> Thank you....
> Peter OM3TLP.
>

31636. Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-05 15:13:54 UTC
From: David Okrent
Topic: 31616 Message: 31636

I also use an OCF dipole with a LDG tuner for the FT-897D. Won't work with the standard Yaesu tuner, not enough range. I have it set up in the Carolina style for 40 m, I found that worked better for me than the standard Windom arrangement. I can tune up and use most of the 80 meter band, 40m, 20m, 15m (most likely the vertical component), and 10 m. I can't tune on 60 m or 160 m. There is a Yahoo Windom group.

31637. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 16:33:39 UTC
From: George F
Topic: 31627 Message: 31637

William...
right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@...> wrote:

From: William <wabarron@...>
Subject: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com
Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

[Non-text portions of this message have been removed]

31638. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 16:27:30 UTC
From: George F
Topic: 31627 Message: 31638

Thnx,,,,
I will try this.... my be I have a same problem....we will see..

P. OM3TlP

--- On Fri, 11/5/10, w1ioo@... <w1ioo@...> wrote:

From: w1ioo@... <w1ioo@...>
Subject: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com
Received: Friday, November 5, 2010, 9:32 AM

I have been reading this post. When I got my ft-897d two years ago the cat

cable into the back of the rig was not making a good connection. I cut 1/8

inch from the connector and the connector went further into the back of the

rig. Back then other users had the same problem and this fix helped them.

Now I have the same type of problem again when I try to tune the ldg at-897.

I press the connector in hard and it starts to work. Are users having better

results with the new cat cables?

Wally w1ioo

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[Non-text portions of this message have been removed]

31639. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 19:24:00 UTC
From: ae8u@fuse.net
Topic: 31639 Message: 31639

I suggest you add some ferries to the offending cable.

73,
Mike AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----
From: "George F" <gefi_can@...>
Date: Fri, Nov 5, 2010 12:33 pm
Subject: [FT897] Re: FT_897D - HRD problem...
To: <FT897@yahoogroups.com>

William...
right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@tampabay.rr.com> wrote:

From: William <wabarron@...>
Subject: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com
Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

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[Non-text portions of this message have been removed]

31640. how to access 42.8mhz receive

Yahoo group: FT897 (2010)
Date: 2010-11-05 20:15:21 UTC
From: ROBERT
Topic: 31640 Message: 31640

the manual says continuous receive coverage 1-54 i think
i cannot figure out , after paging through manual, how to access between 33mhz-50mhz
could someone please help
thank you
bob donchez
wb3hyb

31641. Re: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-05 20:21:02 UTC
From: George F
Topic: 31639 Message: 31641

Hi Mike.....
I have ferries on mouse cable, keboard cable and CAT cable (4 ferries...)
I have also feries on monitor (4 ferr...) a PC power cable (4 ferries...).
It must be some kind of witchcraft ..hihi...

Thnx... Peter...OM3TLP

--- On Fri, 11/5/10, ae8u@... <ae8u@...> wrote:

From: ae8u@... <ae8u@...>
Subject: Re: [FT897] Re: FT_897D - HRD problem...
To: "George F" <gefi_can@...>, FT897@yahoogroups.com
Received: Friday, November 5, 2010, 3:24 PM

I suggest you add some ferries to the offending cable.

73,

Mike AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----

From: "George F" <gefi_can@...>

Date: Fri, Nov 5, 2010 12:33 pm

Subject: [FT897] Re: FT_897D - HRD problem...

To: <FT897@yahoogroups.com>

William...

right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@...> wrote:

From: William <wabarron@...>

Subject: [FT897] Re: FT_897D - HRD problem...

To: FT897@yahoogroups.com

Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com, "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

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[Non-text portions of this message have been removed]

31642. RE: [FT897] how to access 42.8mhz receive

Yahoo group: FT897 (2010)
Date: 2010-11-05 20:23:07 UTC
From: Simon
Topic: 31640 Message: 31642

Probably the long way to do it, but I think it's a matter on manual tuning,
ie manually tuning from 50 down, or 33 up. I don't know of a quick method

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
ROBERT
Sent: Saturday, 6 November 2010 6:45 AM
To: FT897@yahoogroups.com
Subject: [FT897] how to access 42.8mhz receive

the manual says continuous receive coverage 1-54 i think
i cannot figure out , after paging through manual, how to access between
33mhz-50mhz
could someone please help
thank you
bob donchez
wb3hyb

[Non-text portions of this message have been removed]

31643. Re: [FT897] how to access 42.8mhz receive

Yahoo group: FT897 (2010)
Date: 2010-11-05 20:35:30 UTC
From: robert donchez
Topic: 31640 Message: 31643

thanks- just came back to group- figured it out- not in manual- but
you go to 50mhz and then go down
thanks
but play, play, play and you finally can figure it out
bob d
On Nov 5, 2010, at 4:23 PM, Simon wrote:

> Probably the long way to do it, but I think it's a matter on manual
> tuning,
> ie manually tuning from 50 down, or 33 up. I don't know of a quick
> method
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
> Behalf Of
> ROBERT
> Sent: Saturday, 6 November 2010 6:45 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] how to access 42.8mhz receive
>
>
>
>
>
> the manual says continuous receive coverage 1-54 i think
> i cannot figure out , after paging through manual, how to access
> between
> 33mhz-50mhz
> could someone please help
> thank you
> bob donchez
> wb3hyb
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links

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31644. Re: [FT897] Re: Breaking up on 80 Meters

Yahoo group: FT897 (2010)
Date: 2010-11-06 00:39:27 UTC
From: Danny Loyd
Topic: 31616 Message: 31644

Thanks for all the responses. I started with easiest thing to do, I put a ferrite choke on the mic line to the radio and that seems to have fixed the problem. I got on the 80 meter OMISS net last night and got 59 signals with no break up in the audio. I am hoping this has fixed this little problem.

Danny
KE5WDI

From: Radio_Randy <rjones@...>
To: FT897@yahoogroups.com
Sent: Thu, November 4, 2010 2:01:27 PM
Subject: [FT897] Re: Breaking up on 80 Meters

Danny,

Have you tested your transmitter into a dummy load? If it breaks up there, your problem is with your radio.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have been waiting until I had tried everything except pulling my hair out to

> ask this question, but, when I transmit on 80 meters I keep getting reports
>that
>
> my audio is breaking up like I have a bad mic connection. The radio works great
>
> on every band, including 160 meters with no reports of breaking up. I have
>tried
>
> two different antennae, a G5RV and Inverted L. Get the same report on both.
> Could the problem be a mismatch between the rig and antenna even though I show

> no more than 2:1 SWR when talking on the band?
>
>
> Any help or answers would be appreciated. Don't want to start making myself
>bald
>
> over this.
>
> Thanks,
>
> Danny

> KE5WDI
>

[Non-text portions of this message have been removed]

31645. Telix Air (Goverment Issue) headset with boom mic

Yahoo group: FT897 (2010)
Date: 2010-10-29 00:16:39 UTC
From: kz4zzz@att.net
Topic: 31645 Message: 31645

Headset Unit has 2 x 1/4 inch plugs I tried the one plug and it works great plugged into the front audio out of my 897D, but I need a adapter for the mic plug so I can use the boom mic in the vox or ptt mode. Does anyone have plans to make one or better yet have one that justs let me plug into a 8 pin adapter to the two the 1/4 plugs thats attached to the telix so I wouldn't have to use the 1/4 jack in the front as I need the audio out in the back to feed my sound card. when I use the fron't it disco's the back. Seems like standard wiring but I want something that has a interface so I can use the 59 mic or the telix. just a simple plug in. Photo of interface would be great !
Allen

31646. If you were to but an FT-897 today?

Yahoo group: FT897 (2010)
Date: 2010-10-31 16:45:38 UTC
From: Williamk
Topic: 31646 Message: 31646

Hi Y'all from the Florida Keys,

If you were to but an FT-897 today what additional filters or accessories would you suggest? Please state the ones you would and would NOT add to the cost of the radio. I am about to pull the trigger, your advice is important. My use would be the rig I take everywhere, home, on the boat, camping and on the road. I believe it fits both my 'emergency' need and my Boy we can have some fun stuff. My newest piece of equipment is an ICOM 735, almost 20 years old now and having problems. My old faithful is a Gonset 100 transmitter and a Heathkit RX-1 receiver. All my VHF stuff died over the years.

Thanks,
Bill
KA2BYU

31647. Re: [FT897] Yaesu FT897D Problem

Yahoo group: FT897 (2010)
Date: 2010-10-29 22:55:02 UTC
From: dave Ortiz
Topic: 31547 Message: 31647

your prob in the split mode, turn it off

--- On Sun, 10/24/10, saffer75 <lostinoz2010@...> wrote:

From: saffer75 <lostinoz2010@...>
Subject: [FT897] Yaesu FT897D Problem
To: FT897@yahoogroups.com
Date: Sunday, October 24, 2010, 3:29 AM

Hi there not sure whether Im posting this a second time I am having a problem with my FT897D if I select a frequency say 7100 when I key to transmit a different frequency comes up has this got something to do with the dual vfo and how do I undo it I must have pressed a button incorrectally somewhere along the line Ive only been up and running for three days and am new to amateur 73s Stephen

[Non-text portions of this message have been removed]

31648. Re: Help high swr

Yahoo group: FT897 (2010)
Date: 2010-10-29 00:40:58 UTC
From: kz4zzz@att.net
Topic: 31549 Message: 31648

Let's say your radio was set on 2 meters near 147.150 or so. and
when you keyed the set the freq. would show 147.750 that would be normal. The 897d has the repeater shift built into the 2 meter band where repeaters are used...some areas use a - shift. As for the diople you needed a ground to make it work and since the antenna wasn't grounded till you grounded the radio thus grounding the antenna with the shield of the rg8x from your rig.

31649. ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-03 00:00:32 UTC
From: tivoligardens@yahoo.com
Topic: 31649 Message: 31649

Help

I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig.
I can see their is a basic interface difference but why would I choose one over the other ?

Thanks

31650. System purchase advice

Yahoo group: FT897 (2010)
Date: 2010-11-03 14:37:00 UTC
From: Williamk
Topic: 31650 Message: 31650

Dear fellow Hams
My original post did not make it. I am about to purchase an FT-897 and seek your advice. What accessories do you consider important to get with the unit. Should I get the additional filters, cat cable etc? Were some of the accessories unimportant in the broad view?
My intention is to use it as my go everywhere radio, camping, boating, traveling and at home.
Please advise,
Bill
KA2BYU

31651. Re: FT897D power output

Yahoo group: FT897 (2010)
Date: 2010-10-29 11:39:40 UTC
From: ai4wu
Topic: 31578 Message: 31651

Hi Stephen,

There are a couple of points you mention that are based on incorrect assumptions.

1. SSB mic gain probably should not be at 100. The number in this menu is just a relative gain level, not a power level in watts. This should be adjusted based on your particular voice, how closely you hold the mic, which mic you're using, etc. Adjust your mic gain by starting low and increasing until you see no more increase in power output, then back up a few points to ensure you aren't over driving. ALC will usually keep you from exceeding 100 watts, but too much ALC can cause your signal to become distorted.

2. Speech processing is also a relative number, not related to power output. Use of compression is optional and should almost never be at 100. It's purpose is to increase average power by increasing the low level audio between syllables and is not really necessary most of the time. When I use it at all, mine is usually in the 20 - 40 range. Again, too much will cause distortion.

3. Don't put too much emphasis on power output displayed on a meter. Even a good peak reading meter is not a perfect indicator of output power. Your 801 is a pretty good meter, but it must be set for peak not average, and it must have power applied to read peak. Even then, different voices will cause the meter to react differently, so it may not indicate 100 watts all the time on all bands. Don't lose sleep over it!

73
Chuck
AI4WU

--- In FT897@yahoogroups.com, "Stephen Godfrey" <lostinoz2010@...> wrote:
>
> Hi there a bit confused about the output power settings on the 897d have followed the instructions on page 30 of the manual regarding the ALC and have set Menu mode No 81 the ssb mic gain to one hundred assuming know that Im putting out one hundred watts know, and also adjusted the AF Speech Processor setting to one hundred, when transmitting the PEP power reading on the crossneedle swr/watt meter only reads seven on the left hand scale which says forward the meter is a Daiwa CN-801 series HP does this mean that im only putting out seventy watts or am I not reading the meter correctally or am I not doing something right in the setup again 73s Stephen.
>

31652. Newbe Question

Yahoo group: FT897 (2010)
Date: 2010-11-03 18:36:22 UTC
From: moll6535
Topic: 31652 Message: 31652

I'm new to this group and just got my General today - KD0MXM -
I am in the process of buying a 897D and have a few questions.

1) What exactly is Widebanding and is there any advantage to doing it?

2) Is there a way to add the frequencies that are used in Europe and other places in the world? I have friends overseas and would like to communicate with them.

I enjoy reading your posts and can see that your out there to help.

Adrian Moll
KD0MXM

31653. Transmit UHF and Receive VHF

Yahoo group: FT897 (2010)
Date: 2010-11-04 15:24:04 UTC
From: appanna
Topic: 31653 Message: 31653

Hi,

I have a slim jim VHF antenna for 2mtr band.
I want to transmit on UHF(low power) and receive on VHF when PTT is released.
Basically this is for satellite QSO.
Please let me know how do I program this.

thanks and regards,

VU2HNA Appanna

[Non-text portions of this message have been removed]

31654. Purchasing an HF/VHF/UHF radio

Yahoo group: FT897 (2010)
Date: 2010-11-06 02:37:16 UTC
From: Williamk
Topic: 31654 Message: 31654

Dear fellow Hams
My original post didn’t make it. I am about to purchase an FT-897 and seek your advice. What accessories do you consider important to get with the unit. Should I get the additional filters, cat cable etc? Were some of the accessories unimportant in the broad view?

My intention is to use it as my go everywhere radio, camping, boating, traveling and at home. It would also act as my emergency comms should we get a big blow I don't out run.

Please advise,
Bill
KA2BYU

31655. System

Yahoo group: FT897 (2010)
Date: 2010-11-06 06:04:30 UTC
From: JP Douglas
Topic: 31655 Message: 31655

Hi Bill,

We use the 897 as a home unit as well as portable.
Presently we are using an LDG AT-897 Plus auto tuner and an
LDG FT meter; both are made to work specifically with the 897 rig.
If you plan to do any digital work, we also have a Signalink USB Sound Card
Interface
that does a great job.

We didn't purchase any filters or battery packs, bought a small sealed battery
at Cabela's about

a year ago, I think it's meant for a dirt bike or snow mobile, but it is light
and works fine.
At home we use the Alinco DM-330 for a power supply.

For a portable antenna we use a Chameleon V11 that covers 80 m to 6m.
We hook it up using four 4ft masts and a 5ft roof tripod.
System fits in the trunk of the cars fine and we've had great results both voice
and digital with that set up.

73 de Jose Douglas - KB1TCD

31656. Re: If you were to but an FT-897 today?

Yahoo group: FT897 (2010)
Date: 2010-11-06 06:57:22 UTC
From: GUILLOT JC
Topic: 31646 Message: 31656

I would add a SignaLink USB sound interface and a CG-3000 ATU, all quite cheap items, as I use mainly this rig aboard my sailboat and mostly on digital modes (Winmor, jpskmail and fldigi,) for e-mailing, getting txt web pages and grib or other meteo files.
Very nice rig.
73s, FK8IH - jcglt

31657. Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-06 09:44:01 UTC
From: colin.bell99
Topic: 31649 Message: 31657

A name would be nice,

I'm not sure what you mean by an interface difference but I chose the FT897d for base/portable use because I could install batteries in the base and the LDG AT897 tuner attaches to the side.

I think if I was looking to operate mobile then price would come into the equation. Both appear to have mobile mounting capabilities and you need to get power into the radio (from a battery?). You also need to check the size. I think the 857 is smaller.

I have never studied the 857 but from a quick look at the CAT capabilities of both radios there seems to be little if any operational difference. Sort of read the manual and adapt accordingly.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, tivoligardens@... wrote:
>
> Help
>
> I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
>
> Thanks
>

31658. Re: If you were to but an FT-897 today?

Yahoo group: FT897 (2010)
Date: 2010-11-06 10:33:34 UTC
From: JP
Topic: 31646 Message: 31658

I've owned an FT-897 for two years. I use it as a base station rig as well as a portable rig on vacations. I also use it for EmComm exercises and public service work (mostly portable).

Knowing what I know now, I would buy an Icom IC-7000 instead.

I do a lot of digital and the audio DSP in the 897 is basically useless for digital. Even with an add-on 300 Hz mechanical filter (from W4RT), the 897 is a problem with tightly packed PSK signals.

The Icom, on the other hand, has IF DSP (which is much better for digital) plus digital filtering that goes down to 50 Hz plus manual notch filtering -- all of which make digital on the IC-7000 much much easier.

If you're going to go for the FT-897 anyway, definitely get some filters from W4RT. You can get the same Collins filters, but W4RT seems to be just as good and a lot less expensive. In addition:

1. The autotuners built specifically for the FT-897 (e.g., the LDG AT-897) just do not have the range of a good external manual tuner. If you're going to be portable or mobile or just using a less-than-optimal base station multi-band antenna, you'll be much better off with a good external wide-ranging tuner like an MFJ-941E (or equivalent auto-tuner).

2. A lot of people go with the W4RT internal battery for the 897. I prefer an external battery, but definitely get one for your portable operations.

3. If you think you're going to be doing any sort of VHF/UHF operations, get the microphone with the DTMF number/letter pad for Echolink, IRLP, and DTMF operations.

4. I use my FT-897 with a Buddipole and with a TAK-tenna for portable ops and EmComm. They both do excellent jobs with the FT-897.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "Williamk" <wekinne@...> wrote:
>
> If you were to but an FT-897 today what additional filters or accessories would you suggest?

31659. RE: [FT897] Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-06 10:36:48 UTC
From: Eric van de Weyer
Topic: 31649 Message: 31659

I have both the 857 (2) and the 897.

For mobile the 857 is the better unit due to its smaller size and the capability of running the head remotely. I have the radios mounted under the front seat of the cars with the heads mounted in the dash, under the car radio/CD as it fits in the standard slot.

The 897 is much larger, has the capability of having either a built in power supply or 2 batteries for portable use. Its larger size will make it more difficult to mount in a car.

As far as the radios themselves are concerned, they are basically the same radio in different housings.

I originally bought the 897 to be a home/portable rig and, at the time, I had FT100s in both cars. I subsequently bought 2 857s for the cars as the 100s were having a few problems and I am now, once I have fixed up the 100s going to use them for the base station and the 897 will be for portable use only.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of colin.bell99
Sent: Saturday, 6 November 2010 20:44
To: FT897@yahoogroups.com
Subject: [FT897] Re: ft897d vs ft857d

A name would be nice,

I'm not sure what you mean by an interface difference but I chose the FT897d for base/portable use because I could install batteries in the base and the LDG AT897 tuner attaches to the side.

I think if I was looking to operate mobile then price would come into the equation. Both appear to have mobile mounting capabilities and you need to get power into the radio (from a battery?). You also need to check the size. I think the 857 is smaller.

I have never studied the 857 but from a quick look at the CAT capabilities of both radios there seems to be little if any operational difference. Sort of read the manual and adapt accordingly.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, tivoligardens@... wrote:
>

> Help
>
> I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
>
> Thanks
>

Yahoo! Groups Links

31660. Re: [FT897] Transmit UHF and Receive VHF

Yahoo group: FT897 (2010)
Date: 2010-11-06 15:13:23 UTC
From: Carl Wulfestieg
Topic: 31653 Message: 31660

Appanna-
I assume you're talking about satellite operation for the FT-897. It's too complicated to describe in an email. However, the last page in my FT-897 Manual describes "Setup of Memories for Low Earth Orbit (LEO) FM Satellite Operation". If your manual has this section, the information may be what you are looking for. Good Luck-
73 Carl WZ4CW

[Non-text portions of this message have been removed]

31661. Rig locking up on band up/down buttons

Yahoo group: FT897 (2010)
Date: 2010-11-06 16:13:45 UTC
From: chris756113
Topic: 31653 Message: 31661

A couple of times when Ive switched on my 897D of late, I find I cannot change mode or band. The pre-programmed chanels switch ok. But when I press the v/m button, it changes to the last band & VFO i used but the Dwn/Up button and mode change does nowt.
After a few minutes it clears and once after a reset.
Any one else had this?

Chris

G4LDS

31662. Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-06 16:36:32 UTC
From: Hank
Topic: 31649 Message: 31662

If you are wanting to use it for mobile use, I would recommend the 857D. I have the 897D and I love it. I don't know of any radio that provides so much for under $900.00. The 857D and 897D are electrically identical, so either one will provide the same performance. However, the 897D is a much bigger radio, and does not have a detachable faceplate, so mobile use would be more difficult.

My use is strictly base use and possibly portable use in the future. I was looking at the 857, but then got to play with the 897 at the Orlando Hamcation. Because it is a bigger radio, the front panel was easier to see and buttons had more room, so I was less likely to fat-finger it. I do plan on adding an 857 to my Honda Element next year.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, tivoligardens@... wrote:
>
> Help
>
> I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
>
> Thanks
>

31663. Re: Purchasing an HF/VHF/UHF radio

Yahoo group: FT897 (2010)
Date: 2010-11-06 18:01:58 UTC
From: Hank
Topic: 31654 Message: 31663

For all of the uses you are wanting to use it for, I would suggest the LDG AT-897+ automatic antenna tuner, the LDG FT-Meter external meter, the W4RT filters, W4RT internal batteries, and the Yaesu MH-36E8J DTMF hand mic.

I am using the LDG AT-897 tuner and FT-Meter, and love both of them. For a desk mic, I am using the Yaesu MD-100A8X, but have the MH-36E8J plugged into the back of it for DTMF use. I am going to add the filters real soon.

If you are planning on doing any digital work, you will need a computer interface such as the SignaLink SL-1 or Rigblaster Data Jack PnP. I am using the Rigblaster PnP and like it. There are no jumpers to configure, but the installation does require you to follow the order of installation. I have had mine running for over a year now, and haven't had to touch it since I installed it.

Hope this helps.

73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Williamk" <wekinne@...> wrote:
>
> Dear fellow Hams
> My original post didn’t make it. I am about to purchase an FT-897 and seek your advice. What accessories do you consider important to get with the unit. Should I get the additional filters, cat cable etc? Were some of the accessories unimportant in the broad view?
>
> My intention is to use it as my go everywhere radio, camping, boating, traveling and at home. It would also act as my emergency comms should we get a big blow I don't out run.
>
> Please advise,
> Bill
> KA2BYU
>

31664. Re: [FT897] Newbe Question

Yahoo group: FT897 (2010)
Date: 2010-11-06 19:32:02 UTC
From: Carl Wulfestieg
Topic: 31652 Message: 31664

Adrian-
The FT-897D Receives : 0.1-56 MHz, 76-108 MHz, 118-164 MHz, 420-470 MHz
and Transmits: 160 - 6 Meters, 2 Meters, 70 Centimeters (Amateur bands only),
5.1675 MHz (Alaska Emergency Frequency: USA only)

"Widebanding" is an electronic alteration that allows the FT-897 to operate outside of the above frequencies. It is accomplished by physically changing the "jumpers" in the radio. It is generally of use and is an advantage to those who are associated with Civil Air Patrol (CAP) or Military Affiliate Radio System (MARS) and have appropriate authorization.

In regard to "European and Other" frequencies, the ones you are concerned with may already be in the above list of frequencies. If not, "Widebanding" may allow the FT-897D to operate on the frequencies you are interested in. However, a US Amateur must still transmit within the US Amateur Bands. QSO's with your European friends could still be accomplished by both parties working appropriate "split bands".

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31665. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-11-07 01:18:17 UTC
From: kim.liao
Topic: 31232 Message: 31665

Dear Group: I finally put up my UHV-5 on my 8F apratment roof as a base but the SWR for 50 mhz(6M band) is unblievable...5.0. I need some advice on this as I doubt there is an issue for not having good ground plane although I have installed a Taiwanese made screw-on three element ground wire above the base of the mobile mount..I think it is designed for VHF mobile use...I am not an experienced HAM but I know SWR at 5.0 is not acceptable. I just ordered a tuner for my Ft-897(LDG AT897 plus) does this help? thanks for input and 73s. Kim BM2JAM/ Taiwan

--- In FT897@yahoogroups.com, "kim.liao" <kim.liao@...> wrote:
>
> Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> 1. Are they OK without using tuner?
> 2. SSB are OK with these antenna?
> 3. How they work together? ratings
> 4. How is performance on 6M?
>
> I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> Appreciate your input and 73s
>
> BM2JAM/ Kim from Taipei, Taiwan
>

31666. RE: [FT897] Re: FT_897D - HRD problem...

Yahoo group: FT897 (2010)
Date: 2010-11-07 13:19:43 UTC
From: Mike Ernst
Topic: 31639 Message: 31666

Well, that was embarrassing. Sent it from my Droid and I missed the “t” so ferrites became ferries. (I hate those stupid little cell phone keyboards.)

Anyway, thanks for adding humor <big smile>

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F
Sent: Friday, November 05, 2010 4:21 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: FT_897D - HRD problem...

Hi Mike.....
I have ferries on mouse cable, keboard cable and CAT cable (4 ferries...)
I have also feries on monitor (4 ferr...) a PC power cable (4 ferries...).
It must be some kind of witchcraft ..hihi...

Thnx... Peter...OM3TLP

--- On Fri, 11/5/10, ae8u@... <mailto:ae8u%40fuse.net> <ae8u@... <mailto:ae8u%40fuse.net> > wrote:

From: ae8u@... <mailto:ae8u%40fuse.net> <ae8u@... <mailto:ae8u%40fuse.net> >
Subject: Re: [FT897] Re: FT_897D - HRD problem...
To: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> >, FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Received: Friday, November 5, 2010, 3:24 PM

I suggest you add some ferries to the offending cable.

73,

Mike AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----

From: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> >

Date: Fri, Nov 5, 2010 12:33 pm

Subject: [FT897] Re: FT_897D - HRD problem...

To: <FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> >

William...

right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@... <mailto:wabarron%40tampabay.rr.com> > wrote:

From: William <wabarron@... <mailto:wabarron%40tampabay.rr.com> >

Subject: [FT897] Re: FT_897D - HRD problem...

To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31667. RE: [FT897] Re: FT_897D - HRD problem... finito...

Yahoo group: FT897 (2010)
Date: 2010-11-07 13:59:22 UTC
From: George F
Topic: 31639 Message: 31667

Hi Hi.... we should have a bit fun here.. right..?
But I quit HRD problems.... I am finished wit my experimenting....
One day I will try USB CAT cable.... and I am quite happy without
turning my Ham shack upside down.... again and again....

Thnx Peter OM3TLP....

--- On Sun, 11/7/10, Mike Ernst <ae8u@...> wrote:

From: Mike Ernst <ae8u@...>
Subject: RE: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com
Received: Sunday, November 7, 2010, 8:19 AM

Well, that was embarrassing. Sent it from my Droid and I missed the “t” so ferrites became ferries. (I hate those stupid little cell phone keyboards.)

Anyway, thanks for adding humor <big smile>

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number

of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F

Sent: Friday, November 05, 2010 4:21 PM

To: FT897@yahoogroups.com

Subject: Re: [FT897] Re: FT_897D - HRD problem...

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I have also feries on monitor (4 ferr...) a PC power cable (4 ferries...).

It must be some kind of witchcraft ..hihi...

Thnx... Peter...OM3TLP

--- On Fri, 11/5/10, ae8u@... <mailto:ae8u%40fuse.net> <ae8u@fuse.net <mailto:ae8u%40fuse.net> > wrote:

From: ae8u@... <mailto:ae8u%40fuse.net> <ae8u@... <mailto:ae8u%40fuse.net> >

Subject: Re: [FT897] Re: FT_897D - HRD problem...

To: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> >, FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

Received: Friday, November 5, 2010, 3:24 PM

I suggest you add some ferries to the offending cable.

73,

Mike AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----

From: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> >

Date: Fri, Nov 5, 2010 12:33 pm

Subject: [FT897] Re: FT_897D - HRD problem...

To: <FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> >

William...

right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@tampabay.rr.com <mailto:wabarron%40tampabay.rr.com> > wrote:

From: William <wabarron@... <mailto:wabarron%40tampabay.rr.com> >

Subject: [FT897] Re: FT_897D - HRD problem...

To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31668. Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-07 16:46:20 UTC
From: ke7adu
Topic: 31649 Message: 31668

I have had and 897, 857, and an 817. Of those I still own the 897 for the following reasons:

1. TCXO (can be added two the 857 for $100)
2. Internal battery pack is nice. I use the w4rt set and get about 7 hours receive per battery. Transmitting a lot will shorten that up a lot.
3. Carying handle

I have found the display easy to read on both radios. The colors are more vivid on the 857 but the screen is largeer on the 897 which could be helpful as your eyes age.

Summary: If I could only have one and I planed to use the rado mobile frequently I would buy the 857 for it's ease of mounting. If it will be use mostly at home with some portable use I would get the 897. If you plan to operate digital add TCXO to the 857.

Anthony
AE7HS

--- In FT897@yahoogroups.com, tivoligardens@... wrote:
>
> Help
>
> I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
>
> Thanks
>

31669. Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-07 18:25:40 UTC
From: Radio_Randy
Topic: 31649 Message: 31669

I chose the 897D for the following reasons:

Ergonomics - I liked the button/knob setup much better
TCXO standard - I use mine on government HF channels as well
Space for an internal P.S. - Don't bother, mine was noisy (RFI)

I must say the 857 is likely the better choice if you are determined to go mobile with it. Of course, the IC-706MKIIG is also an excellent choice for this and somewhat (from what I've read) more popular.

Why don't you do like me and just buy the FT-950 for a base rig. That way, your choice for a mobile rig is simpler, HI!

73, Randy N7CKJ

--- In FT897@yahoogroups.com, tivoligardens@... wrote:
>
> Help
>
> I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
>
> Thanks
>

31670. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-11-07 18:31:45 UTC
From: Radio_Randy
Topic: 31232 Message: 31670

Can you guys "chill" with the CAPS LOCK issue?

I have a friend who NEVER uses caps in any of his emails and I have yet to chastise him. I also know a fellow who ALWAYS used caps because his eyesight was bad.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "ke5dfr@..." <ke5dfr@...> wrote:
>
>
>
> Please turn off the CAPS LOCK key. It makes the message hard to read, plus using all caps on the net equates to shouting...
>
> Ken
> KE5DFR
>

31671. Re: Purchasing an HF/VHF/UHF radio

Yahoo group: FT897 (2010)
Date: 2010-11-07 18:59:03 UTC
From: Radio_Randy
Topic: 31654 Message: 31671

Bill,

I have the LDG AT100Pro external tuner. It is useable on radios other than just the 897D, holds its own internal batteries and will match a wider range of impedances. With the LDG 4:1 balun and a doublet antenna (with window line, not a G5RV), you can operate most all HF bands with ease.

The internal batteries are fine if you don't mind 20 watts output and about 4 hours of operating time, total, for a couple hundred bucks extra.

The internal power supply is really nice, if you can find one that doesn't cause RFI on any of the frequencies you plan on operating. The one I had trashed 6 meters, so I sold it.

The W4RT SSB filter is a nice addition. Unfortunately, a narrower unit is not yet offered.

The BuddiPole antenna kit could be handy in some situations. Although it is physically small and inefficient related to a larger dipole, it could be useful if you have no other antenna supports available. You could even set it up in a small boat if desired. Keep in mind that a tuner or impedance transformer may be needed for the 40 meter band as the antenna is pretty close to the ground.

Get additional power cables and Anderson PowerPole connectors for them. The factory cable has a fair amount of voltage drop. I would like to get a couple extras that could be shortened. Then, I would rely on the fusing in my supply network.

As for the interface cables for use with sound cards, etc., I like to scrounge the PS2 cords from older mice and keyboards to make my own. Just make sure ALL the pins and wires are there as some peripherals don't use them all. BTW, these cables will not fit the CAT interface. You will have to locate those, separately.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Williamk" <wekinne@...> wrote:
>
> Dear fellow Hams
> My original post didn’t make it. I am about to purchase an FT-897 and seek your advice. What accessories do you consider important to get with the unit. Should I get the additional filters, cat cable etc? Were some of the accessories unimportant in the broad view?
>
> My intention is to use it as my go everywhere radio, camping, boating, traveling and at home. It would also act as my emergency comms should we get a big blow I don't out run.
>
> Please advise,
> Bill
> KA2BYU
>

31672. Re: Transmit UHF and Receive VHF

Yahoo group: FT897 (2010)
Date: 2010-11-07 19:03:47 UTC
From: Radio_Randy
Topic: 31653 Message: 31672

Appanna,

Along with the suggestion to check the back of your owner's manual, you also need antennas for BOTH bands to do this properly. Since there is only one antenna port for VHF/UHF, I purchased a diplexer from Diamond. The radio feeds one input and a separate output goes to each antenna.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, appanna <hn.appanna@...> wrote:
>
> Hi,
>
> I have a slim jim VHF antenna for 2mtr band.
> I want to transmit on UHF(low power) and receive on VHF when PTT is
> released.
> Basically this is for satellite QSO.
> Please let me know how do I program this.
>
> thanks and regards,
>
>
> VU2HNA Appanna
>
>
> [Non-text portions of this message have been removed]
>

31673. Re: If you were to but an FT-897 today?

Yahoo group: FT897 (2010)
Date: 2010-11-07 19:08:36 UTC
From: Radio_Randy
Topic: 31646 Message: 31673

Hi Bill,

Weren't those IC-735s great! I also had one for 18 years and sold it after I picked up my new 897D.

One accessory I did not include in my previous response was the W4RT 300 Hz filter (not the 500 Hz unit). Although I'm not big into CW, the narrow filter should help a great deal when operating PSK31 and some of the other digital modes.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Williamk" <wekinne@...> wrote:
>
> Hi Y'all from the Florida Keys,
>
> If you were to but an FT-897 today what additional filters or accessories would you suggest? Please state the ones you would and would NOT add to the cost of the radio. I am about to pull the trigger, your advice is important. My use would be the rig I take everywhere, home, on the boat, camping and on the road. I believe it fits both my 'emergency' need and my Boy we can have some fun stuff. My newest piece of equipment is an ICOM 735, almost 20 years old now and having problems. My old faithful is a Gonset 100 transmitter and a Heathkit RX-1 receiver. All my VHF stuff died over the years.
>
> Thanks,
> Bill
> KA2BYU
>

31674. Re: [FT897] Purchasing an HF/VHF/UHF radio

Yahoo group: FT897 (2010)
Date: 2010-11-06 07:47:57 UTC
From: IZ1TGH Roberto Waha
Topic: 31654 Message: 31674

Hello Bill!

2010/11/6 Williamk <wekinne@...>

> Dear fellow Hams
>
> My original post didn’t make it. I am about to purchase an FT-897 and
> seek your advice. What accessories do you consider important to get with the
> unit. Should I get the additional filters, cat cable etc? Were some of the
> accessories unimportant in the broad view?
>
> My intention is to use it as my go everywhere radio, camping, boating,
> traveling and at home. It would also act as my emergency comms should we get
> a big blow I don't out run.
>

Answers to your questions mostly depend on what you would like to do with
your "toy".
Just to mention one, I use almost all the time digimodes (PSK31 mainly) at
home, so the CAT cable is a "must" to drive the rig, but an internal power
supply and/or batteries are totally useless to me.

About additional filters, I think you can do everything you need even
without them, but I hope someone more expert than me can tell you much more.

A couple of weeks ago, a kind OM friend posted some advices to put batteries
inside our "toy" to work portable saving lots of money for Yaesu original
accessories (I don't know in the US, but here in Italy they are terribly
expensive!). Give a look at the archives and you'll find some good clues.

HPE CUAGN!
73 de IZ1TGH Roberto.

--
+------------=* IZ1TGH Roberto Waha - IZ1TGH@... *=-------------+
| El Senyor és la meva força, el Senyor el meu cant. |
| Ell m'ha estat la salvació. En Ell confío i no tinc por. |
+---+

[Non-text portions of this message have been removed]

31675. Re: [FT897] Purchasing an HF/VHF/UHF radio

Yahoo group: FT897 (2010)
Date: 2010-11-06 09:10:10 UTC
From: Kit Hall GM4EMX
Topic: 31654 Message: 31675

Morning Bill

I have the FT950, and 857 for mobile.

For a 2 mtr rig in the house and for /p and visiting other locations.

The FT897 fitted with the LDG AT897 Plus, The changed base unit to give one mains with no requirement for an external PSU and the relevant Cat cable to program QGR's if I wish from the G4HFQ programing tool

http://www.g4hfq.co.uk/

As you remove the battery base from the FT897 to install the internal PSU you only then need to consider the batteries purchase if you are going up a hill, or there is no 12v DC on the boat.

To conclude, I have the FT950 as a base station.

The FT857 for true mobile (Car)

And the FT897 fills the rest of get out and about operations

Regards (73)

Kit
GM4EMX
(DA2WN, G4EMX, G4EMX/PA, HB0/GM4EMX, HB9/GM4EMX, MP4BHT, MP4TCR,)
www.gm4emx.co.uk

Now useing LOTW
http://www.arrl.org/logbook-of-the-world
Available on via EcoLink or Skype
Supporting UKQRM working group, please visit http://www.ukqrm.org/

RSARS (Royal Signals Amateur Radio Society)
GGA (Grenadier Guards Association)
RSA (Royal Signals Association)
AFSA (Air Formation Signals Association)
GMDX
RSGB
Aberdeen ARC

From: Williamk <wekinne@...>
To: FT897@yahoogroups.com
Sent: Sat, 6 November, 2010 2:37:16
Subject: [FT897] Purchasing an HF/VHF/UHF radio

Dear fellow Hams
My original post didn’;t make it. I am about to purchase an FT-897 and seek your advice. What accessories do you consider important to get with the unit. Should I get the additional filters, cat cable etc? Were some of the accessories unimportant in the broad view?

My intention is to use it as my go everywhere radio, camping, boating, traveling and at home. It would also act as my emergency comms should we get a big blow I don't out run.

Please advise,
Bill
KA2BYU

[Non-text portions of this message have been removed]

31676. Re: ft897d vs ft857d

Yahoo group: FT897 (2010)
Date: 2010-11-07 23:38:35 UTC
From: tivoligardens@yahoo.com
Topic: 31649 Message: 31676

I just sold an ft1000mp in an effor to downsize so the ft950 is not on the table. Is the IC-706MKIIG a better rig than the ft897d ? I am not sure if having the ability to put a battery, ac power in the enclosure are worth it. I do like the ability to bolt the tuner to the side. I can pick up a ft857d along with tuner and power supply for $850.

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> I chose the 897D for the following reasons:
>
> Ergonomics - I liked the button/knob setup much better
> TCXO standard - I use mine on government HF channels as well
> Space for an internal P.S. - Don't bother, mine was noisy (RFI)
>
> I must say the 857 is likely the better choice if you are determined to go mobile with it. Of course, the IC-706MKIIG is also an excellent choice for this and somewhat (from what I've read) more popular.
>
> Why don't you do like me and just buy the FT-950 for a base rig. That way, your choice for a mobile rig is simpler, HI!
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, tivoligardens@ wrote:
> >
> > Help
> >
> > I need help deciding between buying a 897d and a 857d for use as a moble rig and base rig. I can see their is a basic interface difference but why would I choose one over the other ?
> >
> > Thanks
> >
>

31677. Another new battery pack

Yahoo group: FT897 (2010)
Date: 2010-11-08 22:52:50 UTC
From: mchenryproj
Topic: 31677 Message: 31677

Just in case anyone may have missed this, the Buddipole folks now have A123 packs at seemingly competitive pricing to the other packs out there. I just wrote them asking if they plan on packaging a version specifically for the 897d. If I get a good response I'll let you all know what they say. Looks like their single packs are small and you might be able to fit 4 of them in the radio. Total capacity would be a bit larger as their "4" version has 9.2 AH but at - 13.2 vdc. That should mean longer running time as the curve on the batteries will take you farther. Instead of dropping off from 12vdc to 10.5vdc (or so) you get to follow the curve downward from 13.2vdc.

Worth looking into. If anyone goes this route, let us know. I mentioned they would want to add correct connectors for the Yaesu internal connections or at least make a short adapter from the Anderson Power Pole to what we would need. maybe a "Y" and let a set of power poles dangle out the opening in the rear for charging?

Buddipole batteries: http://www.buddipole.com/4sa1bapa2.html

The 9.2 AH 13.2 vdc pack is running $285. A bit steep for a battery for me.

Sean
KB8JNE

31678. HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-08 23:00:38 UTC
From: Damien Gardner Jnr
Topic: 31678 Message: 31678

Hi Folks,

Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)

I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..

Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!

Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.

So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?

Any thoughts much appreciated :)

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

31679. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-11-09 02:45:51 UTC
From: ke7adu
Topic: 31232 Message: 31679

Randy,

I must respectfully disagree with you on the caps lock issue. I believe that good operating practice is as important on the Internet as it is in ham radio. Do we not politely correct those that are not quite up to speed on radio operating procedure? Also , I appreciate it when my mistakes are pointed out. It helps me become better at what I do. If done in a polite manner I think correction shows more respect than letting the issue slide.

Thanks for reading,

Anthony AE7HS
--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Can you guys "chill" with the CAPS LOCK issue?
>
> I have a friend who NEVER uses caps in any of his emails and I have yet to chastise him. I also know a fellow who ALWAYS used caps because his eyesight was bad.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "ke5dfr@" <ke5dfr@> wrote:
> >
> >
> >
> > Please turn off the CAPS LOCK key. It makes the message hard to read, plus using all caps on the net equates to shouting...
> >
> > Ken
> > KE5DFR
> >
>

31680. Re: [FT897] Re: FT-897 and Comet UHV-5 Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-09 03:16:52 UTC
From: Carl Wulfestieg
Topic: 31680 Message: 31680

Anthony-
"Do we not politely correct those that are not quite up to speed on radio operating procedure?" Well, I don't know about others but I don't. All it does is start flame wars ad infinitum. I prefer to "instruct" others by just letting them observe and listen to proper operating procedures. They'll catch on pretty quick. If they don't, then "correcting" them wouldn't work either. I was going to do this all in CAPS but this is not my day to be perverse and disrespectful - LOL -
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31681. Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-09 03:19:13 UTC
From: Gary Altig
Topic: 31232 Message: 31681

DE N7UVL,
Then there are some of us that never got past the early days when
there was no choice in "case"./ga

----- Original Message -----
From: Carl Wulfestieg<mailto:ag4ls@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, November 08, 2010 7:16 PM
Subject: Re: [FT897] Re: FT-897 and Comet UHV-5 Should Be CAPS LOCK?

Anthony-
"Do we not politely correct those that are not quite up to speed on radio operating procedure?" Well, I don't know about others but I don't. All it does is start flame wars ad infinitum. I prefer to "instruct" others by just letting them observe and listen to proper operating procedures. They'll catch on pretty quick. If they don't, then "correcting" them wouldn't work either. I was going to do this all in CAPS but this is not my day to be perverse and disrespectful - LOL -
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31682. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 08:01:47 UTC
From: colin.bell99
Topic: 31678 Message: 31682

Damien,

Seems like it could be 897 setup so this is the right place to start.

You don't say how you are getting your data into the FT897d on digital.

If you are using the Mic in then you need to be in SSB mode and if the data socket on the back then digi mode. When you are transmitting is your output power meter showing a reading? Check the data coming into the 897 is sufficient to drive the rig if there is no power reading. You may need to connect a dummy load to investigate.

As to a local station (5km) you may have difficulty as you will be on groundwave. Depends on your output power.

I have had problems not being heard on SSB but on my 897 30watts PSK31 with a 65 foot wire in an inverted L max height 33 feet and an AT897 tuner I make Australia from the UK. Also a few CQ calls on a band I can hear BPSK31 signals I usually get a reply.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Hi Folks,
>
> Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)
>
> I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..
>
> Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!
>
> Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.
>
> So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks

I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?
>
> Any thoughts much appreciated :)
>
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
>
>
> [Non-text portions of this message have been removed]
>

31683. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 12:05:32 UTC
From: Tom Glaab
Topic: 31678 Message: 31683

A few thoughts:

Check your radio inputs as already noted.

If you have a second receiver (even an HT with a wideband receiver) see if you can hear yourself when transmitting. You should be able to get a sense of whether you're properly modulating. There's been a good bit of discussion in this group on input levels and ALC use.

Watch the spotter sites like www.pskreporter.info when you're transmitting digital. Even if nobody responds to you, there are enough listeners that you're likely to get spotted.

tg.

31684. Re: Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-09 12:50:19 UTC
From: ke5dfr@sbcglobal.net
Topic: 31232 Message: 31684

I am sorry I stirred up the hornets nest. Bwe should all be aware of proper operating procedures.....

Ken
KE5DFR

31685. Re: [FT897] Re: Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-09 13:41:42 UTC
From: ROBERT FAREY
Topic: 31232 Message: 31685

Hi
why all this nonsense any way, it's radio you should be talking about not the case of characters in a sentence.
when i first saw this load of nonsense i thought it was about a sensible subject like entering data to a computer as when i started with computers we used UNIX and then they are case sensitive. but no it's some silly person getting all official about language.
the caps lock is not an issue it's better than poor spelling and diction.

Regards

Robert.

--- On Tue, 9/11/10, ke5dfr@... <ke5dfr@...> wrote:

From: ke5dfr@... <ke5dfr@...>
Subject: [FT897] Re: Should Be CAPS LOCK?
To: FT897@yahoogroups.com
Date: Tuesday, 9 November, 2010, 12:50

I am sorry I stirred up the hornets nest. Bwe should all be aware of proper operating procedures.....

Ken

KE5DFR

[Non-text portions of this message have been removed]

31686. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 14:14:54 UTC
From: JP
Topic: 31678 Message: 31686

I think Colin covered it pretty well if the problem is the interface from the computer to the rig.

You did mention that you're having trouble with voice also, so that could indicate some other problem, including a problem with your antenna and antenna connection.

To help you better, we need to know more about your setup, including what you're using for a tuner (the Tet-Emtron site says that the TEV-1 needs a tuner), how you have the antenna mounted, how you have the antenna grounded (or a counterpoise). Also, we need to confirm that you have the antenna into the correct antenna jack in the back and that you're in the correct mode for the band you're using. Please also include your menu settings for anything related to digital or phone, including things like digital gain (menu 037), digital mode (menu 038), digital shift (menu 039), digital vox if you're using vox (menu 040), dsp settings (menus 045 thru 049), mic select (menu 059), SSB mic gain (menu 081), vox gain if you're using vox (menu 088).

Generally speaking, the difference between no signal and S9+ is not receiver sensitivity, it's the antenna. Also, an antenna that can hear real well might not send real well if it's not properly tuned and grounded/counterpoised (is there such a word as 'counterpoised'??).

Jon
KB1QBZ
--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Hi Folks,
>
> Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.
>

31687. Re: Another new battery pack

Yahoo group: FT897 (2010)
Date: 2010-11-09 15:14:50 UTC
From: Radio_Randy
Topic: 31677 Message: 31687

I may be wrong, but I don't think PowerPole connectors to charge the internal batts will work. The reason is that most power supplys offer 13.8 vdc and I believe Yaesu's charging unit actually raises the voltage to what is needed by the battery (around 14.2 vdc I imagine), as well as being a charging regulator.

Oh sure, the batteries will charge, they just won't last as long. You may still have to get the Yaesu box to do it right.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "mchenryproj" <mchenryproj@...> wrote:
>
> Just in case anyone may have missed this, the Buddipole folks now have A123 packs at seemingly competitive pricing to the other packs out there. I just wrote them asking if they plan on packaging a version specifically for the 897d. If I get a good response I'll let you all know what they say. Looks like their single packs are small and you might be able to fit 4 of them in the radio. Total capacity would be a bit larger as their "4" version has 9.2 AH but at - 13.2 vdc. That should mean longer running time as the curve on the batteries will take you farther. Instead of dropping off from 12vdc to 10.5vdc (or so) you get to follow the curve downward from 13.2vdc.
>
> Worth looking into. If anyone goes this route, let us know. I mentioned they would want to add correct connectors for the Yaesu internal connections or at least make a short adapter from the Anderson Power Pole to what we would need. maybe a "Y" and let a set of power poles dangle out the opening in the rear for charging?
>
> Buddipole batteries: http://www.buddipole.com/4sa1bapa2.html
>
> The 9.2 AH 13.2 vdc pack is running $285. A bit steep for a battery for me.
>
> Sean
> KB8JNE
>

31688. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 15:18:24 UTC
From: Radio_Randy
Topic: 31678 Message: 31688

Damien,

Do you have a receiver you could listen to yourself on? That and insuring power output with an "external" meter would be my first steps in troubleshooting. Don't rely on the internal meter in case there is a problem with your radio.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Hi Folks,
>
> Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)
>
> I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..
>
> Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!
>
> Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.
>
> So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?
>
> Any thoughts much appreciated :)
>
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/

> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
>
>
> [Non-text portions of this message have been removed]
>

31689. Re: [FT897] Re: Another new battery pack

Yahoo group: FT897 (2010)
Date: 2010-11-09 15:24:32 UTC
From: Joe
Topic: 31677 Message: 31689

I think I am misunderstanding what you said Randy.

My Pride mobility scooter charges at 18 volts through a pair of 50 amp Powerpoles.

And in my car, all the power connections are Powerpoles and the charging system in the car will peak at 14.2 volts. Power delivery has never been a problem.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Radio_Randy" <rjones@...>
Subject: [FT897] Re: Another new battery pack

>I may be wrong, but I don't think PowerPole connectors to charge the
>internal batts will work. The reason is that most power supplys offer 13.8
>vdc and I believe Yaesu's charging unit actually raises the voltage to what
>is needed by the battery (around 14.2 vdc I imagine), as well as being a
>charging regulator.
>
> Oh sure, the batteries will charge, they just won't last as long. You may
> still have to get the Yaesu box to do it right.

31690. Re: FT-897 and Comet UHV-5 Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-09 15:45:51 UTC
From: ke7adu
Topic: 31680 Message: 31690

Carl,

Point taken. Also, I do not normally offer criticism on the air as it is normally better received one on one. So maybe the lesson here is that advice on Internet operating procedurs should be handled using the "Reply to Sender" option. See I am catching on......

Anthony AE7HS

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Anthony-
> "Do we not politely correct those that are not quite up to speed on radio operating procedure?" Well, I don't know about others but I don't. All it does is start flame wars ad infinitum. I prefer to "instruct" others by just letting them observe and listen to proper operating procedures. They'll catch on pretty quick. If they don't, then "correcting" them wouldn't work either. I was going to do this all in CAPS but this is not my day to be perverse and disrespectful - LOL -
> 88 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

31691. Re: New owner advice please on extending bands and CAR control

Yahoo group: FT897 (2010)
Date: 2010-11-09 21:49:40 UTC
From: gd1mip
Topic: 31496 Message: 31691

thanks folks, ill try it out

31692. Re: [FT897] Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-10 00:26:55 UTC
From: Danny Loyd
Topic: 31678 Message: 31692

Damien,

Also check a couple of things on the FT-897.

1. Make sure the Mic Processor is not turned on. I have found that when that is turned on the signal will not modulate the radio.
2. Make sure you are in USB and your Menu 38 is in PSK31-U.
3. If you are using a Signalink USB or something similiar make sure your software is set up to use that as your sound card.

KE5WDI
Danny

From: colin.bell99 <colin.bell99@...>
To: FT897@yahoogroups.com
Sent: Tue, November 9, 2010 2:01:47 AM
Subject: [FT897] Re: HF range - Help :)

Damien,

Seems like it could be 897 setup so this is the right place to start.

You don't say how you are getting your data into the FT897d on digital.

If you are using the Mic in then you need to be in SSB mode and if the data socket on the back then digi mode. When you are transmitting is your output power meter showing a reading? Check the data coming into the 897 is sufficient to drive the rig if there is no power reading. You may need to connect a dummy load to investigate.

As to a local station (5km) you may have difficulty as you will be on groundwave. Depends on your output power.

I have had problems not being heard on SSB but on my 897 30watts PSK31 with a 65 foot wire in an inverted L max height 33 feet and an AT897 tuner I make Australia from the UK. Also a few CQ calls on a band I can hear BPSK31 signals I usually get a reply.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Hi Folks,
>
> Sorry, I know this technically isn't the right place to ask this question, but
>I wasn't quite sure where I should be asking it :)
>

> I've had my FT897 for many many years now.. it works GREAT in the car (though
>now replaced in the car with a permanently mounted FT857), with a whip for 30m
>aprs. And it *was* working fine a few years ago (I've moved around a bit since
>then) for APRS from the shack also.. Note: APRS is about all i've ever used it
>for..
>
> Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which
>is a rare occurance for me..) for about the last 12 months, without much
>success.. - I can hear folks fine, but except for one New Caledonian station
>about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear
>me. I figured ok, that's HF for you.. But on sunday I was sitting there
>listening to folks doing PSK31 on 7035.15, and heard one station come in
>whooping out over S9. A quick callsign lookup tells me he's only 5km away.
>Here's my chance i thought, and replied to his CQ. And proceeded to spend the
>next hour replying to his CQ's, without response.. I thought maybe I wasn't far
>enough afield for him to bother replying, so shot him a quick email - but no, he
>definitely hadn't heard me!
>
> Now I'm assuming that he's probably pumping out a fair whack of power, as the
>2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1
>sitting on top of the 8m tower in the back yard was getting him on the FT897 at
>S9+.
>
> So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm
>hearing folks I don't have a hope of transmitting to? SHOULD I be heard by
>someone 10km away on 7mhz? I'd have thought at that range, if I can hear him,
>he's going to hear me.. I"m kinda wondering whether I have something setup
>wrong, whether it's in software or hardware, or if I'm just expecting more than
>I should be?
>
> Any thoughts much appreciated :)
>
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31693. Re: [FT897] Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-10 04:57:26 UTC
From: Damien Gardner Jnr
Topic: 31678 Message: 31693

Hi Randy, and all

I've had an amazing amount of responses (private and on-list), and have a lot of things to look at!

I'm listening to myself on the Icom PCR-1000 at the moment.. Just about to wire up another data port->soundcard interface and fire up the toughbook on the 857 in the car and go for a drive, VNC'd back to home so I can trigger off CQ transmits to see what I can hear..

But I have one (probably stupid) question.. how DO you measure your power output with an 'external' meter? I have my old radio shack (tandy) SWR/Power meter (well actually I have a few, but this one is 1.8-200mhz, 0-200W), which I use for tuning my fixed-freq whip in the car (no ATU there). As soon as I plug it in between the AT-897 and the antenna coax, the radio flashes high swr, and drops itself down to what looks to be about 2W output - I'm guessing that's because the meter is changing the match to the antenna? Is it safe to just hit tune, and let the ATU sort out the antenna+meter? Or should I be popping it in between the radio and the ATU?

Or should I be buying a completely different meter? ;)

I note that PSK reporting site says it heard me 100 or so days ago - would be nice if it said what band it heard me on!

I'm wondering if my ugly balun fixed my huge-amounts-of-RF-in-the-shack problem, but hid a bigger problem (that you're not supposed to mount an 8.5M vertical on top of a 7.5m mast, unless you've got a proper ground plane sitting right underneath the bottom of the antenna), which I'm still going to have to deal with? (look back on the group to the 14th of August ;))

Cheers,

Damien

--

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
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On 10/11/2010 2:18 AM, Radio_Randy wrote:
> Damien,
>
> Do you have a receiver you could listen to yourself on? That and insuring power output with an "external" meter would be my first steps in troubleshooting. Don't rely on the internal meter in case there is a problem with your radio.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, Damien Gardner Jnr<rendrag@...> wrote:
>> Hi Folks,
>>
>> Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)
>>
>> I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..
>>
>> Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!
>>
>> Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.
>>
>> So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?
>>
>> Any thoughts much appreciated :)
>>
>>
>> Damien Gardner Jnr
>> VK2TDG. Dip EE. GradIEAust
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>>
>>
>>
>> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31694. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-10 07:14:47 UTC
From: colin.bell99
Topic: 31678 Message: 31694

Damien,

Any 'how do you do it' is bound to produce at least 2 ways.

My method of measuring RF output is to put the meter on a 1m coax lead from the radio antenna socket and then connect a dummy load to the other side of the meter.

However I can see no reason why you shouldn't do it your way but I always start off with low power and once I have proved all the bits are working OK I then up the power to the level I want to test at. When you are indicating high swr you are putting stress (even though the radio takes action to reduce the stress) on the output stages.

When the FT897 detects high SWR I believe it lowers the power to 20 watts. I have noticed on my set up when I have high RF in the shack my power on the 897 meter reads about 5 watts and the ALC indicates maximum but I don't see the high swr indicator.

To provoke another possible discussion you mention your aerial and radials or a groundplane. In the UK there is at least one vertical (only 4.5 metres though, manufactured by the Snowdon Radio Company, the SRC X80) that uses a 9:1 unun instead of radials. I can confirm with 20m of wire in an inverted L that a 9:1 unun and a tuner that is earthed will work with no radials.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Hi Randy, and all
>
> I've had an amazing amount of responses (private and on-list), and have
> a lot of things to look at!
>
> I'm listening to myself on the Icom PCR-1000 at the moment.. Just about
> to wire up another data port->soundcard interface and fire up the
> toughbook on the 857 in the car and go for a drive, VNC'd back to home
> so I can trigger off CQ transmits to see what I can hear..
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> But I have one (probably stupid) question.. how DO you measure your
> power output with an 'external' meter? I have my old radio shack
> (tandy) SWR/Power meter (well actually I have a few, but this one is
> 1.8-200mhz, 0-200W), which I use for tuning my fixed-freq whip in the
> car (no ATU there). As soon as I plug it in between the AT-897 and the
> antenna coax, the radio flashes high swr, and drops itself down to what
> looks to be about 2W output - I'm guessing that's because the meter is
> changing the match to the antenna? Is it safe to just hit tune, and let
> the ATU sort out the antenna+meter? Or should I be popping it in between
> the radio and the ATU?
>

> Or should I be buying a completely different meter? ;)
>
> I note that PSK reporting site says it heard me 100 or so days ago -
> would be nice if it said what band it heard me on!
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> I'm wondering if my ugly balun fixed my huge-amounts-of-RF-in-the-shack
> problem, but hid a bigger problem (that you're not supposed to mount an
> 8.5M vertical on top of a 7.5m mast, unless you've got a proper ground
> plane sitting right underneath the bottom of the antenna), which I'm
> still going to have to deal with? (look back on the group to the 14th
> of August ;))
>
> Cheers,
>
> Damien

31695. Re: Should Be CAPS LOCK?

Yahoo group: FT897 (2010)
Date: 2010-11-10 12:52:33 UTC
From: ke5dfr@sbcglobal.net
Topic: 31232 Message: 31695

Thanks for pointing out that I am a silly person...Hope you have a pleasant day.

Tell you what, just remove me from the group. I sold my 897, but still have an 857.

Ken
KE5DFR

31696. Hat cable to use for programming the memory

Yahoo group: FT897 (2010)
Date: 2010-11-10 14:03:58 UTC
From: Ian
Topic: 31696 Message: 31696

Hello,

I would like to program the memory of my FT897D from my PC and need a cable. I'm assuming that I need a cable that connects to the data port and not the CAT port, is this assumption correct? Looking on the internet there seems to be serial and usb cables, what would be the recommended one or are they as good as each other? I'd also like to try out PSK31, can I use the same cable or is there a different approach?

Ian
2E0ZQR

31697. Re: Newbe Question

Yahoo group: FT897 (2010)
Date: 2010-11-09 16:22:53 UTC
From: moll6535
Topic: 31652 Message: 31697

So, what your saying is since I'm not associated with the military I should not bother with widebanding. And, I should try to find frequencies that are on my friends and my radio and use them for contact.

Where can I find a list of the frequencies that are used oversease?

Thanks for the info.

Adrian
KD0MXM

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Adrian-
> The FT-897D Receives : 0.1-56 MHz, 76-108 MHz, 118-164 MHz, 420-470 MHz
> and Transmits: 160 - 6 Meters, 2 Meters, 70 Centimeters (Amateur bands only),
> 5.1675 MHz (Alaska Emergency Frequency: USA only)
>
> "Widebanding" is an electronic alteration that allows the FT-897 to operate outside of the above frequencies. It is accomplished by physically changing the "jumpers" in the radio. It is generally of use and is an advantage to those who are associated with Civil Air Patrol (CAP) or Military Affiliate Radio System (MARS) and have appropriate authorization.
>
> In regard to "European and Other" frequencies, the ones you are concerned with may already be in the above list of frequencies. If not, "Widebanding" may allow the FT-897D to operate on the frequencies you are interested in. However, a US Amateur must still transmit within the US Amateur Bands. QSO's with your European friends could still be accomplished by both parties working appropriate "split bands".
>
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

31698. FT897 Transmit problem

Yahoo group: FT897 (2010)
Date: 2010-11-09 18:32:47 UTC
From: richardmann30
Topic: 31698 Message: 31698

When I press the push to talk button on my micrphone there is a delay of about 4 seconds before the rig transmitts My rig is two years old and this problem started about 10 days ago. Any help would be apreciated.I have been able to ascertain that the problem is not in the microphone.
Richard VA7MJR

31699. Re: [FT897] Re: Newbe Question Band Plans across the pond !

Yahoo group: FT897 (2010)
Date: 2010-11-10 15:01:44 UTC
From: Kit Hall GM4EMX
Topic: 31652 Message: 31699

Adrian

Try this link

http://www.rsgb.org/spectrumforum/bandplans/

Regards (73)

Kit
GM4EMX
(DA2WN, G4EMX, G4EMX/PA, HB0/GM4EMX, HB9/GM4EMX, MP4BHT, MP4TCR,)
www.gm4emx.co.uk

Now useing LOTW
http://www.arrl.org/logbook-of-the-world
Available on via EcoLink or Skype
Supporting UKQRM working group, please visit http://www.ukqrm.org/

RSARS (Royal Signals Amateur Radio Society)
GGA (Grenadier Guards Association)
RSA (Royal Signals Association)
AFSA (Air Formation Signals Association)
GMDX
RSGB
Aberdeen ARC

From: moll6535 <moll6535@...>
To: FT897@yahoogroups.com
Sent: Tue, 9 November, 2010 16:22:53
Subject: [FT897] Re: Newbe Question

So, what your saying is since I'm not associated with the military I should not
bother with widebanding. And, I should try to find frequencies that are on my
friends and my radio and use them for contact.

Where can I find a list of the frequencies that are used oversease?

Thanks for the info.

Adrian
KD0MXM

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Adrian-
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>are associated with Civil Air Patrol (CAP) or Military Affiliate Radio System
>(MARS) and have appropriate authorization.
>
> In regard to "European and Other" frequencies, the ones you are concerned with
>may already be in the above list of frequencies. If not, "Widebanding" may allow
>the FT-897D to operate on the frequencies you are interested in. However, a US
>Amateur must still transmit within the US Amateur Bands. QSO's with your
>European friends could still be accomplished by both parties working appropriate
>"split bands".
>
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31700. RE: [FT897] FT897 Transmit problem

Yahoo group: FT897 (2010)
Date: 2010-11-10 16:28:37 UTC
From: Ken Bandy
Topic: 31698 Message: 31700

Richard, is this happening on all bands? Is there any outboard equipment between your mic and the rig? VOX didn't get turned on did it?

73,
Ken
KJ9B

> -----Original Message-----
> From: richardmann30 [mailto:richardmann30@...]
> Sent: Tuesday, November 09, 2010 1:33 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] FT897 Transmit problem
>
> When I press the push to talk button on my micrphone there is
> a delay of about 4 seconds before the rig transmitts My rig
> is two years old and this problem started about 10 days ago.
> Any help would be apreciated.I have been able to ascertain
> that the problem is not in the microphone.
> Richard VA7MJR
>

31701. Re: Another new battery pack

Yahoo group: FT897 (2010)
Date: 2010-11-10 16:39:07 UTC
From: mchenryproj
Topic: 31677 Message: 31701

I think I know where he was going but let me clarify this one. Power Poles are voltage independent up to their current rating and all that. On these batteries, the powerpole connector is tied directly to the battery so 13.8 applied to them or through a properly built charger will put the charge directly to these batteries in their present configuration. I ave a letter the Buddipole folks sent me that I will reprint here. It is a letter they received from another Amateur about this issue. Quoted below with my original question to them.

_____ begin quote _____

Hi Sean,

Thanks for your email. Our 4S1P packs will fit, but it's a stretch. One customer has done that already. Ideally we'd have some different sized cells to work with but unfortunately that's not going to be possible with the available A123 formats. Here's a posting that N4TZH made to our Buddipole User's Group:

Let me first say I love Buddipole A123 batteries! I already have the 4S2P and charger.

I recently bought a used FT-897. I really liked the idea of having a self contained radio for portable ops.
I didn't want to go with the Yaesu FNB-78, so I called up Chris at Buddipole to inquire about an A123 option.
We compared the dimensions of the FNB-78 and the 4S1P pack. The length and width were well under the size limit
required and the thickness was just a little bigger. I decided to give it a try based on the squishy-ness of the
double heat shrink wrap used on the 4S1P.

Well it is a tight fit. The balancing charging connection comes out of the hole where the Yaesu charge plug would
go and I rigged an adapter to the power poles using some red butt connectors and wire going to the 'A' battery connector
in the radio.

The pins on the radio are as follows:

Left to Right (Right side being nearest to case)

Top

o o o (A)
1 2 3
o o o (B)

1 - Positive
2 - Voltage sense (Not used in this application)

3 - Negative

I only made connection to the 'A' battery and didn't use the voltage sense wire.
I haven't had time to play yet,
so I can't say how long it will last. More to come :-)

Pictures can be found in the photos section under N4TZH.

73,
Don
N4TZH

I wish I had a better answer for you but this seems to be about as good as we've been able to get with the A123's so far.

Regards,

Chris Drummond, W6HFP
Buddipole, Inc.
www.buddipole.com
Phone: (503) 591 8001
Fax: (530) 232 2753
Join our user's group:
www.groups.yahoo.com/group/buddipole
On Mon, Nov 8, 2010 at 3:13 PM, Sean McHenry <DeepBlueEdit@...> wrote:
Any chance you'll be reworking the packaging in the near future to fit inside the FT-897d Yaesu radios? There are a lot of us looking for better technology and slightly higher voltage packs. Prepackaged with the proper Yaesu connectors, or, a short adapter cable from power pole to the Yaesu internal connection point connector might be good too. These look substantially smaller for higher voltage output than the overpriced Yaesu versions. Just wondering.

Sean
KB8JNE

31702. Re: Transmit UHF and Receive VHF

Yahoo group: FT897 (2010)
Date: 2010-11-10 16:48:55 UTC
From: mchenryproj
Topic: 31653 Message: 31702

Try a discone antenna. Compact, works well on many VHF/UHF freqs and you can stick a 6m loaded ant on top for 6m - 1300MHz coverage in tx as well as rx. I have used these before and they make a decent base antenna if DX isn't your game.

Alternatives are looking at building a simple set of crossed yagis and using a duplexer for the radio itself.

For what you are looking to do, normally one would use a relay to flip from one antenna to the other (UHF TX and VHF RX) that does this flip on key up. These use pin diodes to detect transmission and close a relay as long as you transmit. At low power you can use other devices. Look at other dual band antennas as well. Eggbeaters are common (or used to be) for sat work. Most common now is a simple crossed Yagi. The Arrow Antenna is designed for this type of thing.

Hope those help a bit. By the way, you can build a Discone for VHF+ easily with a PL-239 connector and wire pulled from common 2-14 house wiring, etc. I used the aluminum grounding wire RatShack used to sell when I made mine years ago.

http://www.k5dkz.com/discone.html

Tons of other link ideas here:
http://www.radiobanter.com/showthread.php?t=25054

Google is your friend.

Sean
KB8JNE

31703. Re: [FT897] Hat cable to use for programming the memory

Yahoo group: FT897 (2010)
Date: 2010-11-11 02:22:36 UTC
From: b j
Topic: 31696 Message: 31703

I us RT Systems Inc. software and there cat cable check at www.rtsystemsinc.com
also use there software with my ft-8800 there products work real well.
DE VE3BLM Barry..... I think the # is ADMS-4BU

Hello,

I would like to program the memory of my FT897D from my PC and need a cable. I'm assuming that I need a cable that connects to the data port and not the CAT port, is this assumption correct? Looking on the internet there seems to be serial and usb cables, what would be the recommended one or are they as good as each other? I'd also like to try out PSK31, can I use the same cable or is there a different approach?

Ian
2E0ZQR

[Non-text portions of this message have been removed]

31704. Re: [FT897] Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-11 04:57:38 UTC
From: Damien Gardner Jnr
Topic: 31678 Message: 31704

Hi Folks,

Thought I'd reply to the various messages all in one message ;)

On 9/11/2010 7:01 PM, colin.bell99 wrote:
> Damien,
>
> Seems like it could be 897 setup so this is the right place to start.
>
> You don't say how you are getting your data into the FT897d on digital.
Sorry, Running HRD+DM780. DM780 is set to use one of the sound cards in
the PC (there's four ;)), and HRD for transmit control.. The Sound card
is connected to the FT897 via the rear data jack. When i get around to
it, I'll build a serial port->data jack PTT adapter so I don't have to
mess with 'DIG' and 'PKT' modes, but for now it works well enough..
> If you are using the Mic in then you need to be in SSB mode and if the data socket on the back then digi mode. When you are transmitting is your output power meter showing a reading? Check the data coming into the 897 is sufficient to drive the rig if there is no power reading. You may need to connect a dummy load to investigate.
grin dummy load is on order (though I just confirmed everything with
an old-school light globe, that one kinda blew me away.. till it blew ;)
), but I have the levels setup correct for ALC etc, using K7AGE's PSK31
Level Adjustment youtube vid, so should be all good there..
> As to a local station (5km) you may have difficulty as you will be on groundwave. Depends on your output power.
So I found when driving around this morning, using 3G+VNC to
remote-control the home rig.. Don't know if it was distance, or the
saltwater lakes between suburbs here on the coast, but it was almost as
soon as I crossed a bridge, I'd lose the signal from home on the 857 in
the car

On 9/11/2010 11:05 PM, Tom Glaab wrote:

> A few thoughts:
>
> Check your radio inputs as already noted.
>
> If you have a second receiver (even an HT with a wideband receiver) see if
> you can hear yourself when transmitting. You should be able to get a sense
> of whether you're properly modulating. There's been a good bit of
> discussion in this group on input levels and ALC use.
>
Thanks, I'm listening to myself on an Icom PCR1000 i picked up on ebay a
few months ago - very quiet receiver compared to the 897, but does a
good job for listening to myself ;)

> Watch the spotter sites like www.pskreporter.info when you're transmitting
> digital. Even if nobody responds to you, there are enough listeners that
> you're likely to get spotted.
grin I didn't know about that site! Cheers, seems I was last spotted
105 days ago, so I'm thinking antenna setup may be the issue.. - might
be worth digging one of my TNC's out of a box, and seeing if I can still
hit one of the local HF APRS digis - would give a good indication of
whether my antenna changes in the last year have totally messed me up ;)

On 10/11/2010 1:14 AM, JP wrote:
> To help you better, we need to know more about your setup, including what you're using for a tuner (the Tet-Emtron site says that the TEV-1 needs a tuner), how you have the antenna mounted, how you have the antenna grounded (or a counterpoise). Also, we need to confirm that you have the antenna into the correct antenna jack in the back and that you're in the correct mode for the band you're using. Please also include your menu settings for anything related to digital or phone, including things like digital gain (menu 037), digital mode (menu 038), digital shift (menu 039), digital vox if you're using vox (menu 040), dsp settings (menus 045 thru 049), mic select (menu 059), SSB mic gain (menu 081), vox gain if you're using vox (menu 088).
I'm thinking antenna might be the problem here.. - back when i first
pulled everything out of storage and setup, I was in the back garden
shed (and then relocated out of there when summer hit and it was 45C in
there..), so the TEV-1 was sitting smack on the roof of the shed.. My
first transmit was 30m APRS, and my first packet out hit both the VK2TV
digi 400km up the coast, and the VK5RLY digi over in adelaide. Though
after I relocated to the garage, the antenna instead went on top of ~5m
of mast, with three (grounded) guy wires hung from directly below the
antenna.

And then ~3 months ago, I spotted a rotator cheap on ebay while I was on
holiday down south, so ended up replacing my very sloppy mast with a
much stronger 6m gal pipe, rotator on top, and then 1m of pipe on top of
that. Guys are about 5m of the way up, so ~2.5m below the antenna. The
shop I bought the TEV-1 from originally told me that the antenna doesn't
require radials - but then they also told me it *HAD* to have a 4:1
balun, which caused me no end of grief when I first installed it.. -
pulling the balun out and terminating the coax direct to the antenna was
the best move I ever made..

Shoving a SWR meter in between the radio and the AT897, I'm seeing about
1.5:1 - Is that 'normal' for a tuner? Or is that an indication that even
with the 'ugly balun' cleaning up the RF on the feedline, the antenna is
still horrid for 40m?

I'm thinking this latest move is probably what's messed me up? Since
I'd like to pop a HF beam up there (as well as the 2.4Ghz dish I'm
playing with at the moment..), I can't really move the guys to directly
below the vertical - so I'm thinking of either moving it back to the
roof of the shed (it's original position) and running 20m of cable to
it, or throwing up another mast on the other side of the house, and
string up a 40m dipole.. Dipole is probably the 'easiest' option, it's
just a matter of getting it up while the missus is out ;)

Regards,

Damien

--

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

31705. Re: [FT897] Hat cable to use for programming the memory

Yahoo group: FT897 (2010)
Date: 2010-11-11 07:43:07 UTC
From: ROBERT FAREY
Topic: 31696 Message: 31705

Hi Ian
The ft897 has two sockets on the back one is a data socket for tones in and out. the other is the cat/linear socket this for control of the programming of the radio and adding a linear amplifier.
Also the interface cable to do the programming is not a straight cable it has a small circuit board with in the 9 pin plug. this is to control levels entering the radio as high levels could damage the radio circuitry.
when i bought mine i bought this cable and have used it since.
the circuit with in the plug is modern surface mount components.
so unless you could acquire a circuit diagram to emulate it would be best to purchase one.
CT62 Cat interface cable ps2 plug, CT 39A packet cable CT58 Band data cable.
CT62 is the program cable the CT 58 is for another purpose.

Regards robert G6LLP

--- On Wed, 10/11/10, Ian <ian.munro@...> wrote:

From: Ian <ian.munro@grosvenortechnology.com>
Subject: [FT897] Hat cable to use for programming the memory
To: FT897@yahoogroups.com
Date: Wednesday, 10 November, 2010, 14:03

Hello,

I would like to program the memory of my FT897D from my PC and need a cable. I'm assuming that I need a cable that connects to the data port and not the CAT port, is this assumption correct? Looking on the internet there seems to be serial and usb cables, what would be the recommended one or are they as good as each other? I'd also like to try out PSK31, can I use the same cable or is there a different approach?

Ian

2E0ZQR

[Non-text portions of this message have been removed]

31706. Re: FT-897 and Comet UHV-5

Yahoo group: FT897 (2010)
Date: 2010-11-11 07:59:49 UTC
From: kim.liao
Topic: 31232 Message: 31706

Dear Randy:

This is my late reply but could you advice exactly how can I get a counterpoise for UHV-5 as base use? the SWR is incredibly high-5.0 on 50.110 mhz I wonder what went wrong, the grounding? because I set up this antenna at the top floor against the cement side wall with a simple antenna mount and a 10 meter long 8D coax to the Ft-897, no grounding(which is greek to me)...the counterpoise you were referring to means the radial? I am ordering a tuner, does that help?? Thanks and 73s
Kim/ BM2JAM/ Taiwan

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Kim,
>
> The antenna is probably fine for your use. If it will be a base antenna and not for a mobile, remember that you will need to add a counterpoise (ground radials) for it to work correctly.
>
> Also, in the U.S., vertical antennas like this are used mainly for FM operation. SSB operation requires the use of horizontally polarized antennas like dipoles and such.
>
> Randy - N7CKJ
>
> --- In FT897@yahoogroups.com, "kim.liao" <kim.liao@> wrote:
> >
> > Dear Group: Any HAM has experiences for the Comet UHV-5 or UHV-4 mobile antenna with the FT-897 I recently bought three of them and just want to use them as base antenna, my questions are:
> > 1. Are they OK without using tuner?
> > 2. SSB are OK with these antenna?
> > 3. How they work together? ratings
> > 4. How is performance on 6M?
> >
> > I am a beginner of HF and just want to start up with some Rx and Tx on 6M.
> > Appreciate your input and 73s
> >
> > BM2JAM/ Kim from Taipei, Taiwan
> >
>

31707. RE: [FT897] Hat cable to use for programming the memory

Yahoo group: FT897 (2010)
Date: 2010-11-11 11:13:04 UTC
From: Eric van de Weyer
Topic: 31696 Message: 31707

HI Ian,

If you search on eBay for CAT Cable, you'll come up with heaps of them at very reasonable prices. I have a couple of the USB ones which I use with my netbook.

Alternatively, if you do the same search on Google, you'll come up with quite a number of circuits. I have previously built one which used a couple of transistors and a few other components and connects to a serial port and it worked great too.

For the programming I use FTBasicMMO which is a great little program. You can download it and it think it cost $25 to register it. I use it for my 897, 857's and 817 and it is a great little program. Just Google the name to find the author's site.

Actually had a situation with the 857 in my car the other day where I ended up having to do a full reset as it had lost sensitivity and I could hardly hear anything. All fine after the reset and I just reloaded the memories from the netbook.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ian
Sent: Thursday, 11 November 2010 01:04
To: FT897@yahoogroups.com
Subject: [FT897] Hat cable to use for programming the memory

Hello,

I would like to program the memory of my FT897D from my PC and need a cable. I'm assuming that I need a cable that connects to the data port and not the CAT port, is this assumption correct? Looking on the internet there seems to be serial and usb cables, what would be the recommended one or are they as good as each other? I'd also like to try out PSK31, can I use the same cable or is there a different approach?

Ian
2E0ZQR

Yahoo! Groups Links

31708. Re: HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-11 13:40:44 UTC
From: Steve Yates
Topic: 31678 Message: 31708

Damien,

Your power meter is designed to read power in a 50 Ohm system. The power meter must go between the rig and the ATU.

If you let the ATU tune the mismatched antenna system and then put the meter with its short coax AFTER the ATU you may change the impedance to the ATU and the SWR at the rig will change like you are seeing. This is because the impedance at the end of a mismatched coax will change with its length and your ATU will have to retune to provide a good match to the radio. Of course you may just have something wrong with your meter.

The ATU will provide a 50 Ohm match to the radio but it does nothing for the mismatch between the antenna and the coax feeding it. As long as the coax has low loss the begin with sometimes you can get by doing this without much additional loss. It is always best to place an ATU at the antenna or tune the antenna so that it provides a good match to the coax. Tuning the coax, especially with electrically small, hi-Q antennas will lead to poor performance.

I'd like to throw in here too that The ARRL Handbook is worth its weight in gold to a ham. Even if you can only find an old one in a library it is worth it. It really helped me when I was a young ham.

73,
Steve - AA5TB

31709. Programming

Yahoo group: FT897 (2010)
Date: 2010-11-12 20:43:48 UTC
From: k4ija
Topic: 31709 Message: 31709

I am having issues programming an FT897, supposed to be a "D" model. The serial # is 8J02201. I owned a FT897D previously(that was hit by lightning, with the CT-62 cable connected). I keep getting "Error" messages.
73 de Tom,K4IJA

31710. RE: [FT897] Programming

Yahoo group: FT897 (2010)
Date: 2010-11-12 20:56:07 UTC
From: Eric van de Weyer
Topic: 31709 Message: 31710

Hi Tom,

The first thing I would try is the CAT cable if it was connected to the previous radio. The electronics in it may also be fried.

The next thing would be the serial port of the computer.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of k4ija
Sent: Saturday, 13 November 2010 07:44
To: FT897@yahoogroups.com
Subject: [FT897] Programming

I am having issues programming an FT897, supposed to be a "D" model. The serial # is 8J02201. I owned a FT897D previously(that was hit by lightning, with the CT-62 cable connected). I keep getting "Error" messages.
73 de Tom,K4IJA

Yahoo! Groups Links

31711. FT897D

Yahoo group: FT897 (2010)
Date: 2010-11-15 15:35:44 UTC
From: Mujeeb K
Topic: 14709 Message: 31711

hai guys i am purchased one ft897d soon will be active on hf

vu3wii

31712. Kantronics KAM 98 897 Ready

Yahoo group: FT897 (2010)
Date: 2010-11-15 15:53:33 UTC
From: northsider20
Topic: 31712 Message: 31712

I have forsale my Kantronics KAM 98. The KAM98 is in very good condition. It is wired, and preset for the Yaesu Ft-897. Comes with radio data cable, serial cable, power supply(wallwart), and Manual on CD. $50 plus the shipping from 49445. I will ship to the contiguous US only. email me direct for pics and details. milw156 at gmail dot com

TNX de KI8UM Patrick Herman

31713. RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 17:21:54 UTC
From: Iain
Topic: 31713 Message: 31713

Hi All

Maybe I am missing something obvious but could anyone tell me.

When I set the front panel RF Gain/Squelch (memory option 080) to become an RF gain control .what sets the Squelch when I change band/mode to FM ?

Thanks in anticipation

Iain G4DPF

[Non-text portions of this message have been removed]

31714. RE: [FT897] RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 17:40:50 UTC
From: Michael Skorvanek III
Topic: 31713 Message: 31714

Great question ... anybody for ideas ... I have trouble digging out week signals ... maybe I have the wrong settings?

To: FT897@yahoogroups.com
From: iain@...
Date: Mon, 15 Nov 2010 17:21:54 +0000
Subject: [FT897] RF Gain and squelch

Hi All

Maybe I am missing something obvious but could anyone tell me.

When I set the front panel RF Gain/Squelch (memory option 080) to become an RF gain control .what sets the Squelch when I change band/mode to FM ?

Thanks in anticipation

Iain G4DPF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31715. RE: [FT897] RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 18:00:09 UTC
From: ROBERT FAREY
Topic: 31713 Message: 31715

Hi Guys
this radio does some strange things like switching off the agc which then shows no s meter readings. Regards Robert

--- On Mon, 15/11/10, Michael Skorvanek III <mikes108a@...> wrote:

From: Michael Skorvanek III <mikes108a@hotmail.com>
Subject: RE: [FT897] RF Gain and squelch
To: ft897@yahoogroups.com
Date: Monday, 15 November, 2010, 17:40

Great question ... anybody for ideas ... I have trouble digging out week signals ... maybe I have the wrong settings?

To: FT897@yahoogroups.com
From: iain@...
Date: Mon, 15 Nov 2010 17:21:54 +0000
Subject: [FT897] RF Gain and squelch

Hi All

Maybe I am missing something obvious but could anyone tell me.

When I set the front panel RF Gain/Squelch (memory option 080) to become an
RF gain control .what sets the Squelch when I change band/mode to FM ?

Thanks in anticipation

Iain G4DPF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31716. Re: RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 18:08:58 UTC
From: Steve Yates
Topic: 31713 Message: 31716

Iain,

The default squelch settings are stored in the Service Menu, number 013 through 016 I believe. Don't mess with them unless you have to. On VHF my squelch setting was a little loose so I did.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Iain" <iain@...> wrote:
>
> Hi All
>
>
>
> Maybe I am missing something obvious but could anyone tell me.
>
> When I set the front panel RF Gain/Squelch (memory option 080) to become an
> RF gain control .what sets the Squelch when I change band/mode to FM ?
>
>
>
> Thanks in anticipation
>
> Iain G4DPF

31717. Re: RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 18:14:43 UTC
From: Steve Yates
Topic: 31713 Message: 31717

Robert,

The S-meter is driven by the AGC voltage as is the case with most rigs. If you turn off the AGC you turn off the S-meter. The RF Gain controls applies an AGC voltage to control the receiver gain. Turn the RF Gain down (CCW) and the S-meter goes up. Essentially signals below the S-meter reading will be in a linear region and not compressed to a constant output. This is why turning the RF Gain control back sometimes releaves listener fatigue and restores the "dynamic range" of the signals you are receiving.

Some rigs simply use a variable front-end attenuator for an RF Gain control and the S-meter simply shows less signal when you turn the gain down.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Guys
> this radio does some strange things like switching off the agc which then shows no s meter readings. Regards
Robert

31718. Re: FT897D

Yahoo group: FT897 (2010)
Date: 2010-11-15 19:06:09 UTC
From: Steve Yates
Topic: 14709 Message: 31718

It will be good to hear more stations from India. Look for the USA during grey line paths (sunrise, sunset periods).

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Mujeeb K <vu3wii@...> wrote:
>
>
> hai guys i am purchased one ft897d soon will be active on hf
>
> vu3wii
>

31719. Re: [FT897] Re: RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-15 19:57:43 UTC
From: ROBERT FAREY
Topic: 31713 Message: 31719

Hi Steve
i was merely point out this fact as some on here seem to have missed that point.
this radio sometimes switches off the s meter when changing from mode to mode.
regards
Robert.

--- On Mon, 15/11/10, Steve Yates <aa5tb@...> wrote:

From: Steve Yates <aa5tb@...m>
Subject: [FT897] Re: RF Gain and squelch
To: FT897@yahoogroups.com
Date: Monday, 15 November, 2010, 18:14

Robert,

The S-meter is driven by the AGC voltage as is the case with most rigs. If you turn off the AGC you turn off the S-meter. The RF Gain controls applies an AGC voltage to control the receiver gain. Turn the RF Gain down (CCW) and the S-meter goes up. Essentially signals below the S-meter reading will be in a linear region and not compressed to a constant output. This is why turning the RF Gain control back sometimes releaves listener fatigue and restores the "dynamic range" of the signals you are receiving.

Some rigs simply use a variable front-end attenuator for an RF Gain control and the S-meter simply shows less signal when you turn the gain down.

73,

Steve - AA5TB

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:

>

> Hi Guys

> this radio does some strange things like switching off the agc which then shows no s meter readings.
Regards
Robert

[Non-text portions of this message have been removed]

31720. HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-15 23:24:11 UTC
From: scotchmandr
Topic: 31720 Message: 31720

OK, it is bad enough that the Rubber duck which came with my 817 always gave bad SWR readings on the 817's "meter". It was also missing the large tip and so I ordered a new set to get the tip. Now I have the tip and 2 bases. The second base has worse SWR then the first.

I tried these antennas on an 897 and got bad SWR. ESPECIALLY on 70cm. I have the 897 set to 5W and tried a number of HT antennas. All showed 2.0 or worse. Some showed 3. On 446, all of them showed horrendous SWR and sent the 897 in HSWR mode (they all did this on the 817 as well).

These are supposedly namebrand (TIC) 2m/70cm dual band HT antennas. I would expect at least 2.0 for both bands. The people in my club say "dont worry", as if HT's and Mobiles dont bother with SWR.

I have used these antennas on my HTs and one on my Mobile for a long time. I never worried because none of these radios ever displayed an SWR and they worked at least 'good enough'.

I tested them on an MFJ 259 and though it displays a "slightly" lower SWR... They all still show high results.

So, is if going to be harder to find a portable antenna that the 897 "likes".

Do we really not worry about antennas on HTs or Mobiles?

I am only testing with 5Watts on the 897 and 10W on the Mobile (into an antenna whip rated for 20W).

So I am not being aggressive here but very cautious. Having just got my 817 back from Cal for finally blowing its finals after 8 years (one of the early models prone to this; yet mine took 8 years).

Now I am SWR paranoid! Should I be?

Why have an HSWR on the 897 if it is not useful?

Phillip
N8AYE

31721. Re: [FT897] HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-16 00:43:09 UTC
From: Michael Hughey
Topic: 31720 Message: 31721

ALWAYS be concerned about SWR. Bad SWR will kill any transmitter. I have gotten good results using the Arrow dual band J-Pole, one mounted to a wooden handrail about 15 ft in the air and another one mounted on a tripod that can only get the base of the antenna about six feet off the ground. The only problem that I've experienced was if the "backside" of the antenna (driven element) is pointed at our steel garage or even the rain gutter of the house when using the tripod mount, I experienced multipathing. Rubber ducks (portable dummy loads) are almost always terrible. An alternative to using the Arrow dualband is to make a J-Pole out of 300 ohm TV twin lead. Plans are all over the internet. I've even put one inside of PVC pipe and duct taped it to a chimney. Make one for your backpack and carry some small nylon rope to attach to the top end and suspend it high up in a tree.

Mike_KF4DUS

--- On Mon, 11/15/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@yahoo.com>
Subject: [FT897] HT Antennas and SWR
To: FT897@yahoogroups.com
Date: Monday, November 15, 2010, 4:24 PM

OK, it is bad enough that the Rubber duck which came with my 817 always gave bad SWR readings on the 817's "meter". It was also missing the large tip and so I ordered a new set to get the tip. Now I have the tip and 2 bases. The second base has worse SWR then the first.

I tried these antennas on an 897 and got bad SWR. ESPECIALLY on 70cm. I have the 897 set to 5W and tried a number of HT antennas. All showed 2.0 or worse. Some showed 3. On 446, all of them showed horrendous SWR and sent the 897 in HSWR mode (they all did this on the 817 as well).

These are supposedly namebrand (TIC) 2m/70cm dual band HT antennas. I would expect at least 2.0 for both bands. The people in my club say "dont worry", as if HT's and Mobiles dont bother with SWR.

I have used these antennas on my HTs and one on my Mobile for a long time. I never worried because none of these radios ever displayed an SWR and they worked at least 'good enough'.

I tested them on an MFJ 259 and though it displays a "slightly" lower SWR... They all still show high results.

So, is if going to be harder to find a portable antenna that the 897 "likes".

Do we really not worry about antennas on HTs or Mobiles?

I am only testing with 5Watts on the 897 and 10W on the Mobile (into an antenna whip rated for 20W).

So I am not being aggressive here but very cautious. Having just got my 817 back from Cal for finally blowing its finals after 8 years (one of the early models prone to this; yet mine took 8 years).

Now I am SWR paranoid! Should I be?

Why have an HSWR on the 897 if it is not useful?

Phillip

N8AYE

[Non-text portions of this message have been removed]

31722. Re: HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-16 01:28:50 UTC
From: scotchmandr
Topic: 31720 Message: 31722

I have a Comet M-24M dual band on my car for use with my 8900 as my Car-Port clearance is only 20". I have been using it since June and enjoyed it.

But tonight, I tested my 897 with it and although it was "acceptable on 2m, When I switched to 70cm I got wild and mostly horrendous results. Especially when the ARS goes 5Mhz one way or the other depending upon the repeater.

How close of SWR reading is normal or acceptable on mobile whips for 2m and 70cm. I never worried about this before because I never had a radio "yell back" at me!

For HF I have the AT-897 and a Buddystick. It is 2m and 70cm that I am working on now.

And if all our Hts have such bad SWR on our ducks, why are we not bothering about it? Ignorance WAS bliss!

Phillip
N8AYE

--- In FT897@yahoogroups.com, Michael Hughey <rsq14emt@...> wrote:
>
> ALWAYS be concerned about SWR.Â Bad SWR will kill any transmitter.Â I have gotten good results using the Arrow dual band J-Pole, one mounted to a wooden handrail about 15 ft in the air and another one mounted on a tripod that can only get the base of the antenna about six feet off the ground.Â The only problem that I've experienced was if the "backside" of the antenna (driven element) is pointed at our steel garage or even the rain gutter of the house when using the tripod mount, I experienced multipathing.Â Rubber ducks (portable dummy loads) are almost always terrible.Â An alternative to using the Arrow dualband is to make a J-Pole out of 300 ohm TV twin lead.Â Plans are all over the internet.Â I've even put one inside of PVC pipe and duct taped it to a chimney.Â Make one for your backpack and carry some small nylon rope to attach to the top end and suspend it high up in a tree.
>
> Mike_KF4DUS
>
> --- On Mon, 11/15/10, scotchmandr <scotchmandr@...> wrote:
>
> From: scotchmandr <scotchmandr@...>
> Subject: [FT897] HT Antennas and SWR
> To: FT897@...m
> Date: Monday, November 15, 2010, 4:24 PM
>
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> OK, it is bad enough that the Rubber duck which came with my 817 always gave bad SWR readings on the 817's "meter". It was also missing the large tip and so I ordered a new set to get the tip. Now I have the tip and 2 bases. The second base has worse SWR then the first.
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> I tried these antennas on an 897 and got bad SWR. ESPECIALLY on 70cm. I have the 897 set to 5W and tried a number of HT antennas. All showed 2.0 or worse. Some showed 3. On 446, all of them showed horrendous SWR and sent the 897 in HSWR mode (they all did this on the 817 as well).
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> These are supposedly namebrand (TIC) 2m/70cm dual band HT antennas. I would expect at least 2.0 for both bands. The people in my club say "dont worry", as if HT's and Mobiles dont bother with SWR.
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> I have used these antennas on my HTs and one on my Mobile for a long time. I never worried because none of these radios ever displayed an SWR and they worked at least 'good enough'.
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> I tested them on an MFJ 259 and though it displays a "slightly" lower SWR... They all still show high results.
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> So, is if going to be harder to find a portable antenna that the 897 "likes".
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> Do we really not worry about antennas on HTs or Mobiles?
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> I am only testing with 5Watts on the 897 and 10W on the Mobile (into an antenna whip

rated for 20W).
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> So I am not being aggressive here but very cautious. Having just got my 817 back from Cal for finally blowing its finals after 8 years (one of the early models prone to this; yet mine took 8 years).
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> Now I am SWR paranoid! Should I be?
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> Why have an HSWR on the 897 if it is not useful?
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> Phillip
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> [Non-text portions of this message have been removed]
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31724. Re: RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-16 04:07:48 UTC
From: Steve Yates
Topic: 31713 Message: 31724

Sorry Robert,

I did misunderstand your post. However, I've never had my radio do as you've described when I switched modes.

A great many "Â Â Â,s" to you too. ;-)

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Steve
> i was merely point out this fact as some on here seem to have missed that point.
> this radio sometimes switches off the s meter when changing from mode to mode.
> Â
Â regards Robert.
>

31725. Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-16 05:25:17 UTC
From: Rob Stampfli
Topic: 31725 Message: 31725

Gee. Just when I was beginning to really enjoy this rig, it comes back and bites me. Let me post the particulars here to see if anyone has any suggestions before the rig goes back to Yaesu.

I participated in the CQ-WE contest this weekend, and gave the rig a fairly hard workout in the process -- lots of different bands and a few cockpit errors. It performed flawlessly right up to the end of the contest. Immediately after making my final contact, I hurriedly powered the rig off from its front panel button and left to meet some friends for dinner.

Upon returning to the shack a couple hours later, I noticed I had not removed the power from the rig's internal PS, something I normally do. I didn't think anything of this, but when I powered the rig back on from the front panel, it immediately did a complete master reset, something it had never done before. Hmm. Further investigation revealed that the rig is now only putting out about 40W on the 160m band. It seems to put out 85W or better on all the other HF bands, which seems a bit lower than before but at least in the right ballpark. On-the-air tests reveal no audio distortion at the 40W level on 160m.

I removed all the ancillary cabling and tried another full master reset, but no joy. Power Control behaves normally up to the 40W level. Then, ALC drops to zero, but the power out sticks at 40W (on 160m). The only other anomaly I see is that the "13.8V" indicator on the display, which always used to read 13.8 or 13.7 on receive, is now reading 13.6 or even 13.5V. The measured the no load voltage on the PS is 13.9V.

Believing perhaps the service menus had been corrupted, I went into alignment mode and found 18:HF1-IC and 24:HF1-MAX appeared to be set to reasonable values. I tried adjusting them but to no avail. 17:VCC reads 138.

Without breaking open the case, something I am reluctant to do, I'm out of ideas. Any suggestions?

Rob / KD8WK

31726. Re: [FT897] Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-16 07:26:49 UTC
From: ROBERT FAREY
Topic: 31725 Message: 31726

Hi Rob
this ps is it the switch mode type power supply.
regards

robert G6LLP

--- On Tue, 16/11/10, Rob Stampfli <res@...> wrote:

From: Rob Stampfli <res@...>
Subject: [FT897] Glitch leaves my FT-897 with low output on 160m
To: FT897@yahoogroups.com
Date: Tuesday, 16 November, 2010, 5:25

Gee. Just when I was beginning to really enjoy this rig, it comes back

and bites me. Let me post the particulars here to see if anyone has

any suggestions before the rig goes back to Yaesu.

I participated in the CQ-WE contest this weekend, and gave the rig a

fairly hard workout in the process -- lots of different bands and a

few cockpit errors. It performed flawlessly right up to the end of

the contest. Immediately after making my final contact, I hurriedly

powered the rig off from its front panel button and left to meet some

friends for dinner.

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removed the power from the rig's internal PS, something I normally do.

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the front panel, it immediately did a complete master reset, something

it had never done before. Hmm. Further investigation revealed that

the rig is now only putting out about 40W on the 160m band. It seems

to put out 85W or better on all the other HF bands, which seems a bit

lower than before but at least in the right ballpark. On-the-air tests

reveal no audio distortion at the 40W level on 160m.

I removed all the ancillary cabling and tried another full master reset,

but no joy. Power Control behaves normally up to the 40W level. Then, ALC drops to zero, but the power out sticks at 40W (on 160m). The only other anomaly I see is that the "13.8V" indicator on the display, which always used to read 13.8 or 13.7 on receive, is now reading 13.6 or even 13.5V. The measured the no load voltage on the PS is 13.9V.

Believing perhaps the service menus had been corrupted, I went into alignment mode and found 18:HF1-IC and 24:HF1-MAX appeared to be set to reasonable values. I tried adjusting them but to no avail. 17:VCC reads 138.

Without breaking open the case, something I am reluctant to do, I'm out of ideas. Any suggestions?

Rob / KD8WK

[Non-text portions of this message have been removed]

31727. Problems

Yahoo group: FT897 (2010)
Date: 2010-11-16 07:40:10 UTC
From: sooth sayer
Topic: 31727 Message: 31727

Hi Guys
i have seen a lot of problems mentioned, without much detail about power supplies and details about having checked certain topics such as temperature of the case.
some vswr bridges are sometimes so inaccurate.sometimes issues get missed in the heat of the moment.
this method used allows for no question asking with resposive replies when an operator admits he has made a mistake.
what we used to call a customer operating error.
i have made many in my thirty years and many with this radio, as it just has a few nasty little things it does for no apparent reason like switching off the AGC so you get no S meter reading it seemed to affect the squelch as well at the same time.
Maybe it has a few software faults and the only cure does seem to be a hard reset. pain that this might be as you then need to reload the parameters you have put in over several months.
like the RF power level was it rather warm at the time or maybe just hot. Regards Robert G6LLP

31728. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-16 21:02:00 UTC
From: Geoff Blake
Topic: 31723 Message: 31728

Hi Phillip,

Have you thought to check your leads and connectors between the various parts, and as you will no doubt be using at least one PL 259/SO 239 combination, check that they are not of poor quality. I would also try differing length cables if you have them to hand. I know that I will be starting a flame here, but the PL 259 type connector isn't exactly rated for much above DC, let alone 70cm.

HTH Geoff G8GNZ

On 16 November 2010 03:54, scotchmandr <scotchmandr@...> wrote:

> This is an update of new info to my previous post "HT Antennas and SWR"
>
> I am testing, using a Diamond DL-30A Dummy Load as the reference. Good for
> 0-500Mhz at 15W continuous. I am only putting out 5-10 Watts to test.
>
> I get perfect 1.1 on all bands EXCEPT 70cm!
>
> It gives me about 2.5:1 using my LDG FT Meter.
>
> Any ideas?
>
> Phillip
> N8AYE
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

31730. Re: [FT897] Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-16 22:12:41 UTC
From: Rob Stampfli
Topic: 31725 Message: 31730

[The full message body has unrecoverable character-encoding damage in Yahoo's archived raw text. Yahoo's separately preserved message snippet follows.]

Right. It is switching power supply that is sold by Yaesu to install inside the FT-897 body. It fits into the cavity that can also be used to hold two

31731. Re: [FT897] CPU reset while transmitting

Yahoo group: FT897 (2010)
Date: 2010-11-17 03:28:15 UTC
From: Mike McRoberts
Topic: 29695 Message: 31731

It's been quite a while and my problem seems to have been solved. I used a wrap-around toroid on my ground wire. Have had zero troubles since.

It seems that Paul was correct that the FT-897D is a little sensitive.

Thanks for your help Paul.

Mike

Sent from my HTC Incredible
On Apr 10, 2010 3:40 PM, "Paul Graham" <cooldotwebdesign@...> wrote:
> Hello Mike,
>
> 897's seem to be rather prone to this sort of thing. Mine did a full reset quite some time ago. Also, A/B, I tend to use one for HF and another for VHF. I've found both to be on HF numerous times (including this week).
> For me it seems to be RF in the shack, which I'm mostly prone to on 80m. Some times my radio also turns itself off. It only ever does this when I transmit, even though I'm limited to 50w.
>
> Paul.
>
>
>
> _____
> From: kd6ftr <mike@...>
> To: FT897@yahoogroups.com
> Sent: Sat, 10 April, 2010 22:00:32
> Subject: [FT897] CPU reset while transmitting
>
>
> This afternoon I was working a W4 station on 15m when, in the middle of my QSO, my radio did a full CPU reset, returning everything to factory settings. I have an LDG AT-897Plus tuner attached the radio with an LDG FT Meter for a little better/larger display. The SWR on the FT meter showed 1.1:1, my RF Power Set (No-075) was set at 100W and the radio is grounded.
>
> Thankfully I previously saved the memory channels using Mac Memories Manager from Dog Park Software and was able to copy them back into memory. However, this is the second time it's happened.
>
> Does anyone have any ideas or suggestions?
>
> 73 de Mike/KD6FTR
>
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31733. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 06:01:00 UTC
From: Carl Wulfestieg
Topic: 31723 Message: 31733

Phillip-
It's hard to determine what you're complaining about- High SWR? Can't receive any signals? With transmission you're not heard by anyone? Also, it's unclear about your level of expertise and training- Do you have an amateur radio license? What class? When licensed? Are you trying to mount the vhf/uhf antenna directly on the back of the FT-897? Are you using the correct antenna jack? On vhf and uhf, are you trying to operate through a repeater and do you have the correct frequencies and CTCSS tones stored in memory channels? Or are you operating simplex?
Comments like ". . . HF is ok, VHF borderline, and UHF stinks. . . ." don't convey much information.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31734. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 07:26:11 UTC
From: ROBERT FAREY
Topic: 31723 Message: 31734

Hi Carl
You have amplified my feeling about what i am reading on this group.
and having seen the pictures of a small Hf antenna on the back of an Ft897 now has me even more convinced that the guys doing this have absolutely no idea at all.
with an earth or counterpoise connection provided by a terry clip, that is simple not the way to do things.
the connection is not a good idea and it would more than likely destroy the output of the radio. Regards Robert G6LLP

--- On Wed, 17/11/10, Carl Wulfestieg <ag4ls@...> wrote:

From: Carl Wulfestieg <ag4ls@...>
Subject: Re: [FT897] HT Antennas and SWR - DummyLoads
To: FT897@...m
Date: Wednesday, 17 November, 2010, 6:01

Phillip-

It's hard to determine what you're complaining about- High SWR? Can't receive any signals? With transmission you're not heard by anyone? Also, it's unclear about your level of expertise and training- Do you have an amateur radio license? What class? When licensed?

Are you trying to mount the vhf/uhf antenna directly on the back of the FT-897? Are you using the correct antenna jack? On vhf and uhf, are you trying to operate through a repeater and do you have the correct frequencies and CTCSS tones stored in memory channels? Or are you operating simplex?

Comments like ". . . HF is ok, VHF borderline, and UHF stinks. . . ." don't convey much information.

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31735. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 07:31:52 UTC
From: ROBERT FAREY
Topic: 31723 Message: 31735

This radio and in fact the ft817 should have a proper atu attached so tuning of anteenas will give the radio at least a fighting chance of working correctly.
there is nothing wrong with the Vhf and uhf if used with either a beam antenna or a vertical provided it is terminated correctly.
so of the abortions i have seen make me wonder what some of you where taught on the courses you took are you all a bunch of unlicensed pirates. Regards robert G6LLP

--- On Wed, 17/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] HT Antennas and SWR - DummyLoads
To: FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 3:55

I have tried with various whips and the mobile antenna on the car's Mag-mount. With 18' coax as well as straight to the back of the radio with a bnc-uhf adapter. All these combinations have one thing in common, HF is ok, VHF borderline, and UHF stinks.

I have a 2m/70cm whip on the bnc of my 817 and never had a problem like this. Is there a design difference with the 897?

I am basically trying to apply the same antennas and setup that was successful with the 817, onto the 897. I DO have the 897 turned down to 5W-10W as appropriate to the antennas used.

At 5-10 watts the 897 cant really turn the power down much haha!

As this problem is consistent with all antenna combinations with or without any coax, I suspect something inside the radio. Either physical or a soft-menu item. And that is what I am trying to narrow down.

I wish someone on this list lived in the Detroit Michigan and was good at radio repairs. I really am trying to delay shipping it off to Texas!

Phillip

[Non-text portions of this message have been removed]

31736. Re: [FT897] Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-17 07:49:08 UTC
From: ROBERT FAREY
Topic: 31725 Message: 31736

Hi Rob
In my 50+ years in electronics and 30 years as a radio amateur switch mode power is fine when the switch mode has as much metal weight as a linear power supply.
the reasoning is the smoothing when the power has been converted.
a lot of these modern cheap switch mode units can cause untold damage to the electronics that follow them.
when transmitting on FM the carrier is constant so the switchmode stays at a constant frequency. but when used with a set using double side band and single side band the frequency in the cheap switch modes changes and does introduce much noise into the radio and on to boththe incoming signal and transmitted signals.
A linear or a large sealed lead acid battery is a far better option. Regards Robert G6LLP

--- On Tue, 16/11/10, Rob Stampfli <res@...> wrote:

From: Rob Stampfli <res@...>
Subject: Re: [FT897] Glitch leaves my FT-897 with low output on 160m
To: FT897@yahoogroups.com
Date: Tuesday, 16 November, 2010, 22:12

Right. It is switching power supply that is sold by Yaesu to install

inside the FT-897 body. It fits into the cavity that can also be used

to hold two batteries. I have no indication that the PS is bad.

Rob

On Tue, Nov 16, 2010 at 07:26:49AM +0000, ROBERT FAREY wrote:

> Hi Rob

> this ps is it the switch mode type power supply.

> regards
robert G6LLP

>

> --- On Tue, 16/11/10, Rob Stampfli <res@...> wrote:

>

> From: Rob Stampfli <res@...>

> Subject: [FT897] Glitch leaves my FT-897 with low output on 160m

> To: FT897@yahoogroups.com

> Date: Tuesday, 16 November, 2010, 5:25

>

> Gee. Just when I was beginning to really enjoy this rig, it comes back

>

> and bites me. Let me post the particulars here to see if anyone has

>

> any suggestions before the rig goes back to Yaesu.

[Non-text portions of this message have been removed]

31737. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 09:39:57 UTC
From: davekh@cix.co.uk
Topic: 31723 Message: 31737

As was said... "You're not here for the hunting are you".

Don't insult 'em.
- people are opening themselves up with problems and asking for help. Who knows what different world they live in
compared to yourself. You may have had technical training, or clever enough to be self-taught, or a group of others
around you who guided you but these days that world has evaporated for most people. The internet is the outlet outlet
people use for help and guidance. Inferring people are a 'bunch of 'unlicenced pirates' if you don't like their way of
thinking, gentle corrective guidance is more likely to work.

Regards
Dave H
G0CER

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Original Message

This radio and in fact the ft817 should have a proper atu attached so tuning of anteenas will give the radio at least a
fighting chance of working correctly.
there is nothing wrong with the Vhf and uhf if used with either a beam antenna or a vertical provided it is terminated
correctly.
so of the abortions i have seen make me wonder what some of you where taught on the courses you took are you all a bunch
of unlicensed pirates. Regards robert G6LLP

--- On Wed, 17/11/10, scotchmandr <scotchmandr@yahoo.com> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] HT Antennas and SWR - DummyLoads
To: FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 3:55

I have tried with various whips and the mobile antenna on the car's Mag-mount. With 18' coax as well as straight
to the back of the radio with a bnc-uhf adapter. All these combinations have one thing in common, HF is ok, VHF
borderline, and UHF stinks.

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radio. Either physical or a soft-menu item. And that is what I am trying to narrow down.

I wish someone on this list lived in the Detroit Michigan and was good at radio repairs. I really am trying to delay
shipping it off to Texas!

Phillip

[Non-text portions of this message have been removed]

Yahoo! Groups Links

31738. RE: [FT897] Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-17 11:19:06 UTC
From: Cliff Bryant
Topic: 31725 Message: 31738

I've been running the internal switching PSU on the FT897 for some years now with no problems whatsoever and no obvious injected noise either for tx or rx.
A lot of modern switchers are actually fixed frequency but variable duty cycle.

Almost all modern PSU designs are switcher based, they are generally lightweight as since the switching frequency is high the need for large transformers and bulky smoothing caps is eliminated. You do still need some bulk decoupling caps of course.

Both my IC7700 and Quadra linear use high power switch mode PSUs, the Quadra power supply produces some 2.5kW.

With careful design and suitable crowbar protection I can't see how any damage can be caused to the following electronics.
Ironically the only PSU damage I have had is when first licensed as a G8 in the 1970s. The series pass transistor let go on my homebrew linear PSU. I added crowbar protection to make sure that didn't happen again!

Cliff, G4PZK

[Non-text portions of this message have been removed]

31739. Re: [FT897] HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 11:31:43 UTC
From: ROBERT FAREY
Topic: 31723 Message: 31739

Hi dave
lots of comments but not many callsigns so one wonders who you are reading messages from... Regards robert G6LLP

--- On Wed, 17/11/10, davekh@... <davekh@...> wrote:

From: davekh@... <davekh@...>
Subject: Re: [FT897] HT Antennas and SWR - DummyLoads
To: FT897@yahoogroups.com
Cc: davekh@...
Date: Wednesday, 17 November, 2010, 9:39

As was said... "You're not here for the hunting are you".

Don't insult 'em.

- people are opening themselves up with problems and asking for help. Who knows what different world they live in

compared to yourself. You may have had technical training, or clever enough to be self-taught, or a group of others

around you who guided you but these days that world has evaporated for most people. The internet is the outlet outlet

people use for help and guidance. Inferring people are a 'bunch of 'unlicenced pirates' if you don't like their way of

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Regards

Dave H

G0CER

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Original Message

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--- On Wed, 17/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>

Subject: [FT897] HT Antennas and SWR - DummyLoads

To: FT897@yahoogroups.com

Date: Wednesday, 17 November, 2010, 3:55

I have tried with various whips and the mobile antenna on the car's Mag-mount. With 18' coax as well as straight

to the back of the radio with a bnc-uhf adapter. All these combinations have one thing in common, HF is ok, VHF

borderline, and UHF stinks.

I have a 2m/70cm whip on the bnc of my 817 and never had a problem like this. Is there a design difference with the 897?

I am basically trying to apply the same antennas and setup that was successful with the 817, onto the 897. I DO have the

897 turned down to 5W-10W as appropriate to the antennas used.

At 5-10 watts the 897 cant really turn the power down much haha!

As this problem is consistent with all antenna combinations with or without any coax, I suspect something inside the

radio. Either physical or a soft-menu item. And that is what I am trying to narrow down.

I wish someone on this list lived in the Detroit Michigan and was good at radio repairs. I really am trying to delay

shipping it off to Texas!

Phillip

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31741. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 12:32:29 UTC
From: scotchmandr
Topic: 31723 Message: 31741

Thanks Dave,

I thought people read Previous posts and Threads on a discussion. I appreciate your support.

Especially since my 817 has worked HF Portable for 8 years with a lot of fun involved!

If I wanted challenge-free contacts I would use a Cell-Phone hahaha!

Funny how no-one complains like this with their HTs ;-)

Thank You Again,

72/73,
Phillip (N8AYE)
-. ---.. .- -.-- .
SKCC# 7040
FIST# 13390
QRParci# 14214

--- In FT897@yahoogroups.com, davekh@... wrote:
>
> As was said... "You're not here for the hunting are you".
>
> Don't insult 'em.
> - people are opening themselves up with problems and asking for help. Who knows what different world they live in
> compared to yourself. You may have had technical training, or clever enough to be self-taught, or a group of others
> around you who guided you but these days that world has evaporated for most people. The internet is the outlet outlet
> people use for help and guidance. Inferring people are a 'bunch of 'unlicenced pirates' if you don't like their way of
> thinking, gentle corrective guidance is more likely to work.
>
> Regards
> Dave H
> G0CER
>
>

31742. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 12:48:37 UTC
From: scotchmandr
Topic: 31723 Message: 31742

Thanks Sean,

That is helpful, so I should expect to see the same type of results that I do with my 817. At least that is what you are getting. And it makes me suspect the radio now. I get Low SWR with the antennas, DL, and coax with my 817 and the 259 Analyzer on VHF frequencies.

The Analyzer does not do UHF unfortunately. But all my 2m tests show good results with the 817 and the analyzer, while the 897 shows 2:1 on antennas that give 1:1 with the 817 and 259.

The 817 gives me No-Bars with my Mobile setup on VHF & UHF but the 897 (plugged into the same coax and connectors) gives 2.2:1 SWR on VHF and >8:1 on UHF into the exact same setup!

I am wondering about the SO-239 V/U connector in the 897 itself?

72/73,
Phillip (N8AYE)
-. ---.. .- -.-- .
SKCC# 7040
FIST# 13390
QRParci# 14214

I am wondering about the SO-239 connector in the 897 itself?

Someone said the following on 11/17/2010 00:35:
> Hello, Phillip...
>
> Sorry to hear about your troubles. I really hate it when things like that happen. I use my 897 *mostly* for HF work, but I do use it once in awhile on VHF/UHF. Right now I have a Miracle Whip attached to the VHF/UHF antenna connector. Unfortunately, I don't have a real SWR meter, so I just use the FT-897's built-in one. I decided to run some tests at different power levels so we could compare readings. To perfrom this test, I used an MFJ-260C dry dummy load. I tuned to the frequency specified below and keyed the mic for 5 seconds with the 897's meter set to SWR. I then repeated three times at each power level specified below. Here are my results:
>
> 146.520 MHz
>
> 5W FM - 0.5 bars
> 10W FM - 1.0 bars
> 25W FM - 1.1 bars
> 50W FM - 1.5 bars
>
> 446.000 MHz
>
> 2W FM - 0 bars
> 5W FM - 0 bars

> 10W FM - 0.1 bars
> 20W FM - 0.1 bars
>
> So the interesting thing I see in these tests is a lower SWR at UHF than at VHF. Either way into a dummy load, it is pretty low.
>
> One thing I do wonder is this... If you take the same VHF setup you have and hook your antenna analyzer up to it, what sort of readings do you get? I'm thinking that if you hook up the analyzer to the VHF setup and see a high SWR, or it says the antenna is tuned for a different frequency, that might point the finger at your coax or a bad connector.
>
> So if it is possible, maybe you can hook the dummy load up to your antenna analyzer and see what it says about SWR, then hook it up to the radio to see if they agree? You could also try the same thing with the 2m mobile antenna you have.
>
> I am hoping it's some bad coax or something like that.
>
> Anyway, I hope that works out for you. Keep me posted. Good luck.
>

31743. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 12:57:34 UTC
From: g8hul
Topic: 31723 Message: 31743

> But all my 2m tests show good results with the 817 and the analyzer, while the 897 shows 2:1 on antennas that give 1:1 with the 817 and 259.
>
> The 817 gives me No-Bars with my Mobile setup on VHF & UHF but the 897 (plugged into the same coax and connectors) gives 2.2:1 SWR on VHF and >8:1 on UHF into the exact same setup!
>
> I am wondering about the SO-239 V/U connector in the 897 itself?
>

Phillip

I am a little consused as to what your test set up is exactly?

I understand that you are using a Diamond dummy load, but how are you measuring the SWR with the 897? Your readings such as 2.2:1 and 8:1 cannot come from the 897's VSWR display as that only shows blocks and is effectivley uncalibrated, so what are you using to measure the SWR with?

When you swap between the 897 and the 817 are you using EXACTLY the same cables or are you using a patch lead or adaptor thet is not required with the 817?

73
Jeff

31744. Re: [FT897] Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 13:09:01 UTC
From: ROBERT FAREY
Topic: 31723 Message: 31744

Hi jeff
what make of vswr bridge are you using then. as it would indicate something is a miss.

Regards robert g6LLP

--- On Wed, 17/11/10, g8hul <g8hul@...> wrote:

From: g8hul <g8hul@hotmail.co.uk>
Subject: [FT897] Re: HT Antennas and SWR - DummyLoads
To: FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 12:57

> But all my 2m tests show good results with the 817 and the analyzer, while the 897 shows 2:1 on antennas that give 1:1 with the 817 and 259.

>

> The 817 gives me No-Bars with my Mobile setup on VHF & UHF but the 897 (plugged into the same coax and connectors) gives 2.2:1 SWR on VHF and >8:1 on UHF into the exact same setup!

>

> I am wondering about the SO-239 V/U connector in the 897 itself?

>

Phillip

I am a little consused as to what your test set up is exactly?

I understand that you are using a Diamond dummy load, but how are you measuring the SWR with the 897? Your readings such as 2.2:1 and 8:1 cannot come from the 897's VSWR display as that only shows blocks and is effectivley uncalibrated, so what are you using to measure the SWR with?

When you swap between the 897 and the 817 are you using EXACTLY the same cables or are you using a patch lead or adaptor thet is not required with the 817?

73

Jeff

[Non-text portions of this message have been removed]

31745. Re: [FT897] Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 13:18:18 UTC
From: ROBERT FAREY
Topic: 31723 Message: 31745

Hi
i bought the pro version of the MFJ 269, it seems fine when my friend uses it to make his HF antenna's but it does seem some what suspect on readings with VHF and UHF,
and as it cost some thing 300 GBP i do not hold much faith in it's accuracy.
my bird thro line gives something like a reading which makes sense no matter which radio.
i use it worked ok with the Ft100 and the kenwood TMD700E and it works fine with the Icom 7400 and the Icom 7000 and the Ft897 regards Robert G6LLP

--- On Wed, 17/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Re: HT Antennas and SWR - DummyLoads
To:
FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 12:48

Thanks Sean,

That is helpful, so I should expect to see the same type of results that I do with my 817. At least that is what you are getting. And it makes me suspect the radio now. I get Low SWR with the antennas, DL, and coax with my 817 and the 259 Analyzer on VHF frequencies.

The Analyzer does not do UHF unfortunately. But all my 2m tests show good results with the 817 and the analyzer, while the 897 shows 2:1 on antennas that give 1:1 with the 817 and 259.

The 817 gives me No-Bars with my Mobile setup on VHF & UHF but the 897 (plugged into the same coax and connectors) gives 2.2:1 SWR on VHF and >8:1 on UHF into the exact same setup!

I am wondering about the SO-239 V/U connector in the 897 itself?

72/73,

Phillip (N8AYE)

-. ---.. .- -.-- .

SKCC# 7040

FIST# 13390

QRParci# 14214

I am wondering about the SO-239 connector in the 897 itself?

Someone said the following on 11/17/2010 00:35:

> Hello, Phillip...

>

> Sorry to hear about your troubles. I really hate it when things like that happen. I use my 897 *mostly* for HF work, but I do use it once in awhile on VHF/UHF. Right now I have a Miracle Whip attached to the VHF/UHF antenna connector. Unfortunately, I don't have a real SWR meter, so I just use the FT-897's built-in one. I decided to run some tests at different power levels so we could compare readings. To perfrom this test, I used an MFJ-260C dry dummy load. I tuned to the frequency specified below and keyed the mic for 5 seconds with the 897's meter set to SWR. I then repeated three times at each power level specified below. Here are my results:

>

> 146.520 MHz

>

> 5W FM - 0.5 bars

> 10W FM - 1.0 bars

> 25W FM - 1.1 bars

> 50W FM - 1.5 bars

>

> 446.000 MHz

>

> 2W FM - 0 bars

> 5W FM - 0 bars

> 10W FM - 0.1 bars

> 20W FM - 0.1 bars

>

> So the interesting thing I see in these tests is a lower SWR at UHF than at VHF. Either way into a dummy load, it is pretty low.

>

> One thing I do wonder is this... If you take the same VHF setup you have and hook your antenna analyzer up to it, what sort of readings do you get? I'm thinking that if you hook up the analyzer to the VHF setup and see a high SWR, or it says the antenna is tuned for a different frequency, that might point the finger at your coax or a bad connector.

>

> So if it is possible, maybe you can hook the dummy load up to your antenna analyzer and see what it says about SWR, then hook it up to the radio to see if they agree? You could also try the same thing with the 2m mobile antenna you have.

>

> I am hoping it's some bad coax or something like that.

>

> Anyway, I hope that works out for you. Keep me posted. Good luck.

>

[Non-text portions of this message have been removed]

31746. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 14:44:51 UTC
From: scotchmandr
Topic: 31723 Message: 31746

OK, thanks Jeff and I will happily give any more info as I want to understand this as well. Most of this was answered in earlier posts but I will line it up here:

I am using an LDG External FT-Meter to give me my numbers readings. I believe though, that is is the same calibration as the internal meter and thus, if the internal meter is "off" then so will this. But the FTM is why I give numbers and not just bars.

I calibrated the FTM according to the LDG manual. But if the internal metering is off so would this. I do not have an external SWR meter for VHF/UHF and so I am going to ask around.

I did one test for example; on my mobile setup. A magmount with a UHF to BNC adapter on the end of the coax (I already hear the boo-ing croud - get over it OMs; not everyone has your luxuries).... I imply plug in the 817 and work repeaters. The 817 shows no SWR bars and full power out on VHF AND UHF (all 5 watts of them haha). I swap for the 897 (same antenna and coax) and leave the UHF 90 degree bend and the UHF to BNC adapter - suddenly the SWR goes up when I TX. I remove the adapters and now the SWR os Flat all across VHF but UHF is still >3. The 817, I leave the BNC adapter on the coax and plug it into the 817 front antenna port and get a flat no-bars SWR on both VHF and UHF at 5W full Power Out.

NOW, Thanks to everyone's hints (hihi) I plugged the Dummy Load to the V/U Ant port directly (no adapters) and get flat 1:1 SWR on VHF and UHF. BUT AS SOON AS I ad ANY adapters, coax, antennas, etc; the SWR goes up! (And for the guy who did not know if I meant TX or on RX - I never got SWR readings on RX so please DONT PICK FIGHTS! I wanted help... If you want to debate, then email me and bring your Bible along....

So, STEP ONE I need to verify my readings with an external V/U SWR meter in-line with the Coax in my Mobile setup and see if I get different readings from the internal (they would have to be a LOT different).

QUESTIONS:

*** Can the internal SWR metering become "uncalibrated"?

*** Can RF be traveling back in through the Adapters and the coax?

Is this a False SWR reading then? And is this bad, other than the Obvious fact that I need to know if I am getting true readings?

Can the internal SWR "relativity meter" be recalibrated easily and how do I reduce RF coming back INTO the radio from OUTSIDE the Antenna IF that is happening?

I never had ANY of this with my 817. That rig is as Plug 'n' Play as they get. And is my perfect QRP rig when I strap my Z817 ATU to it for HF. I have talked to TX and AL using nothing but a whip on it, so no more "Bad Antenna setup by an ignoramous". You don't need to like QRP and just because you are rich enough.... If you dont like my setup then donate something that will help (seriously, anyone got a VHF/UHF SWR meter to donate?)

Would running a jumper from the outside of the coax connector to the Radio Ground screw, help?

I can run my 817 both mobile, base or portable; I thought that I SHOULD be able to do the same. I stick a whip on the BNC of the 817 and use it as my backup Repeater Radio. NO SWR problems. No feddback of any kind, not at 5 watts. I was expecting that the 897 could be run similarly if needed, butt AT LEAST it should be able to be swapped for my 1900 or 817 in the van without changing Antenna or Coax. I even used the MFJ259 to find a better placement for the Magmount. I have gotten the SWR down to 1.3:1. The Van makes a really big ground-plane compared to the Focus ;-)

So have I provided enough details. At 5 watts I have never had coax, adapters, or any other connections pose a problem on VHF or UHF. Only a bad 6M whip one time...

At least, with the dummy load showing 1.1 when attatched without any adapters suggests that the radio is at least, mostly OK! Unless the SWR meter can become "uncalibrated" within the radio. Or unless there is a bad lack of grounding somewhere?

72/73,
Phillip (N8AYE)
-. ---.. .- -.-- .
SKCC# 7040
FIST# 13390
QRParci# 14214

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
> Phillip
>
> I am a little confused as to what your test set up is exactly?
>
> I understand that you are using a Diamond dummy load, but how are you measuring the SWR with the 897? Your readings such as 2.2:1 and 8:1 cannot come from the 897's VSWR display as that only shows blocks and is effectively uncalibrated, so what are you using to measure the SWR with?
>
> When you swap between the 897 and the 817 are you using EXACTLY the same cables or are you using a patch lead or adapter that is not required with the 817?
>
> 73
> Jeff
>

31747. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 15:32:12 UTC
From: g8hul
Topic: 31723 Message: 31747

>
> OK, thanks Jeff and I will happily give any more info as I want to understand this as well. Most of this was answered in earlier posts but I will line it up here:
>
> I am using an LDG External FT-Meter to give me my numbers readings. I believe though, that is is the same calibration as the internal meter and thus, if the internal meter is "off" then so will this. But the FTM is why I give numbers and not just bars.

Agreed if the internal calibration is off then the LGD will be off a swell, BUT even when operating correctly the readings will not be that accurate unless you can accurately measure the forward and reverse powers and the use those figures to calibrate the LDG meter (which you can't).

> I calibrated the FTM according to the LDG manual. But if the internal metering is off so would this. I do not have an external SWR meter for VHF/UHF and so I am going to ask around.

I think that it is vital that you get/borrow an accurate external VSWR meter, as there is something strange going on here.

>
> I did one test for example; on my mobile setup. A magmount with a UHF to BNC adapter on the end of the coax. I imply plug in the 817 and work repeaters. The 817 shows no SWR bars and full power out on VHF AND UHF . I swap for the 897 (same antenna and coax) and leave the UHF 90 degree bend and the UHF to BNC adapter - suddenly the SWR goes up when I TX.

Confused here,I assume that the bnc is on the antenna cable and you are using the UHF port on the 817 via an adaptor?? Or is the UHF on the antenna cable, in which case how do you plug it into the 897 using a BNC adaptor??

>I remove the adapters and now the SWR os Flat all across VHF but UHF is still >3. The 817, I leave the BNC adapter on the coax and plug it into the 817 front antenna port and get a flat no-bars SWR on both VHF and UHF at 5W full Power Out.
>
> NOW, Thanks to everyone's hints (hihi) I plugged the Dummy Load to the V/U Ant port directly (no adapters) and get flat 1:1 SWR on VHF and UHF. BUT AS SOON AS I ad ANY adapters, coax, antennas, etc; the SWR goes up!

The fact that adding an adapter causes a problem would seem to indicate that there is a faulty cable or adapter somewheere in the system. Adapters have been known to be faulty/poor at UHF, and I would check that all of the connectors are sound, particularly the UHF ones which can danage the coax is overgeated when soldering.

> So, STEP ONE I need to verify my readings with an external V/U SWR meter in-line with the Coax in my Mobile setup and see if I get different readings from the internal (they would have to be a LOT different).
>

> QUESTIONS:
>
> *** Can the internal SWR metering become "uncalibrated"?

Yes if the hidden calibration settings are corrupted or tampered with, and of course there is the possibility of a hardware fault.

>
> *** Can RF be traveling back in through the Adapters and the coax?

Faulty coax or adaptors can cause these sorts of problems.

>
> Is this a False SWR reading then? And is this bad, other than the Obvious fact that I need to know if I am getting true readings?

You wont know unil you use an external VSWR meter and check all of you cables and adaptors.

>
> Can the internal SWR "relativity meter" be recalibrated easily and how do I reduce RF coming back INTO the radio from OUTSIDE the Antenna IF that is happening?

It can be calibrated by following the calibration in the service manual, BUT I would not recommend trying it unless you are totally sure of what you are doing, you can seriously upset your radio!!!

As far as rf getting back to the radio that will not be the case when using a dummy load (as long as your coax is good)

>
> Would running a jumper from the outside of the coax connector to the Radio Ground screw, help?

No, and if it has any effect at all when using a dummy load then you coax is duff.

73
Jeff

31748. New to the Group

Yahoo group: FT897 (2010)
Date: 2010-11-16 18:56:59 UTC
From: Derek
Topic: 10084 Message: 31748

New to the group, new to Ham Radio. Bought a secondhand FT-897 with AT-897 with W4RT one-touch tune. All I need to do now is set up my shack, and run out my antennas.
I will be in the background reading the file and learning.
I am in UK
73
Derek
M6DJF

31749. Re: static crashes

Yahoo group: FT897 (2010)
Date: 2010-11-15 04:12:30 UTC
From: af6ul
Topic: 30811 Message: 31749

If you are reworking the unit for CF1005, you might want put the fix in located in files section: FT857-897_CF1005-fix.pdf
This AC couples the filter to protect it from long term failure.
Did it to my 897D and worked fine.

Tom AF6UL

--- In FT897@yahoogroups.com, "colin.bell99" <colin.bell99@...> wrote:
>
> Don,
>
> My FT897 has had this problem. It is a 2007 (L) model and from previous posts on this subject I believe other 2007 radios have also had the problem.
>
> 73 de Colin 2E0BPP
>
> --- In FT897@...m, "Don Taylor" <dj0km@> wrote:
> >
> > Starting with, but limited to radios with serial numbers with the letter "M"
> > the AM Ceramic Filter located at CF1005 on both the FT 857 and 897 tends to
> > develop an internal short which causes the "popping" static sound. The
> > filter is marked TOKO A455HA. It costs a less then $5.00 even from YAESU.
> > The replacement is rather simple and requires no alignment but you must
> > remove the MAIN UNIT PCB and have a good soldering iron and solder sipper.
> > If you DIY it the filter has 5 pins.
> >
> >
> >
> >
> >
> > 55 es 73
> >
> > DJØKM / K9SFN
> >
> >
> >
> > Don
> >
> >
> >
> > dj0km@
> >
> >
> >
> >

> >
> > [Non-text portions of this message have been removed]
> >
>

31750. FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-14 13:29:35 UTC
From: William (Bill)
Topic: 31750 Message: 31750

Hi all, I have some questions.
First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.

The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.

As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.

Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.

Anyone have been there, experience with getting a temporary license (1 month)?

Thanks for reading and any suggestions are welcome!

73' de William - PA3GUW
http://www.pa3guw.web-log.nl
Twitter: LIAM65KEN

31751. Re: [FT897] FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 16:25:53 UTC
From: Unit365
Topic: 31750 Message: 31751

Hi William

Be carefull with buddipole, you must adjust the antenna each time you change the band. Even with a coupler you must adjust length and coils of the buddipole. I have one and it's a nice antenna, funny too, not heavy and small in the bag.
If you buy a coupler ,buy a LDG YT-100, i have one also, and it works nice, but the most interesting is that this tuner have an CAT for the computer, instead of some other eg FC30 which have not this port and it's not possible to connect your netbook at the same time the coupler.
Not much used the buddipole but maybe it would be better to have a coupler, and a MFJ259 for your travel.

73's
Olivier
F4FQH

From: William (Bill)
Sent: Sunday, November 14, 2010 2:29 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT987D on the go

Hi all, I have some questions.
First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.

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Anyone have been there, experience with getting a temporary license (1 month)?

Thanks for reading and any suggestions are welcome!

73' de William - PA3GUW
http://www.pa3guw.web-log.nl
Twitter: LIAM65KEN

[Non-text portions of this message have been removed]

31752. Re: [FT897] Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 17:46:46 UTC
From: DALE
Topic: 31723 Message: 31752

I have a MJF 269. When measuring my KLM UHF beam it indicates there is no antenna connected.
With the Bird wattmeter it reads OK. Both are OK on my VHF beam.
Dale
wa7ixk

----- Original Message -----
From: "ROBERT FAREY" <robert.farey@...>
To: FT897@yahoogroups.com
Sent: Wednesday, November 17, 2010 5:18:18 AM
Subject: Re: [FT897] Re: HT Antennas and SWR - DummyLoads

Hi
i bought the pro version of the MFJ 269, it seems fine when my friend uses it to make his HF antenna's but it does seem some what suspect on readings with VHF and UHF,
and as it cost some thing 300 GBP i do not hold much faith in it's accuracy.
my bird thro line gives something like a reading which makes sense no matter which radio.
i use it worked ok with the Ft100 and the kenwood TMD700E and it works fine with the Icom 7400 and the Icom 7000 and the Ft897 regards Robert G6LLP

--- On Wed, 17/11/10, scotchmandr < scotchmandr@... > wrote:

From: scotchmandr < scotchmandr@... >
Subject: [FT897] Re: HT Antennas and SWR - DummyLoads
To:
FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 12:48

Thanks Sean,

That is helpful, so I should expect to see the same type of results that I do with my 817. At least that is what you are getting. And it makes me suspect the radio now. I get Low SWR with the antennas, DL, and coax with my 817 and the 259 Analyzer on VHF frequencies.

The Analyzer does not do UHF unfortunately. But all my 2m tests show good results with the 817 and the analyzer, while the 897 shows 2:1 on antennas that give 1:1 with the 817 and 259.

The 817 gives me No-Bars with my Mobile setup on VHF & UHF but the 897 (plugged into the same coax and connectors) gives 2.2:1 SWR on VHF and >8:1 on UHF into the exact same setup!

I am wondering about the SO-239 V/U connector in the 897 itself?

72/73,

Phillip (N8AYE)

-. ---.. .- -.-- .

SKCC# 7040

FIST# 13390

QRParci# 14214

I am wondering about the SO-239 connector in the 897 itself?

Someone said the following on 11/17/2010 00:35:

> Hello, Phillip...

>

> Sorry to hear about your troubles. I really hate it when things like that happen. I use my 897 *mostly* for HF work, but I do use it once in awhile on VHF/UHF. Right now I have a Miracle Whip attached to the VHF/UHF antenna connector. Unfortunately, I don't have a real SWR meter, so I just use the FT-897's built-in one. I decided to run some tests at different power levels so we could compare readings. To perfrom this test, I used an MFJ-260C dry dummy load. I tuned to the frequency specified below and keyed the mic for 5 seconds with the 897's meter set to SWR. I then repeated three times at each power level specified below. Here are my results:

>

> 146.520 MHz

>

> 5W FM - 0.5 bars

> 10W FM - 1.0 bars

> 25W FM - 1.1 bars

> 50W FM - 1.5 bars

>

> 446.000 MHz

>

> 2W FM - 0 bars

> 5W FM - 0 bars

> 10W FM - 0.1 bars

> 20W FM - 0.1 bars

>

> So the interesting thing I see in these tests is a lower SWR at UHF than at VHF. Either way into a dummy load, it is pretty low.

>

> One thing I do wonder is this... If you take the same VHF setup you have and hook your antenna analyzer up to it, what sort of readings do you get? I'm thinking that if you hook up the analyzer to the VHF setup and see a high SWR, or it says the antenna is tuned for a different frequency, that might point the finger at your coax or a bad connector.

>

> So if it is possible, maybe you can hook the dummy load up to your antenna analyzer and see what it says about SWR, then hook it up to the radio to see if they agree? You could also try the same thing with the 2m mobile antenna you have.

>

> I am hoping it's some bad coax or something like that.

>

> Anyway, I hope that works out for you. Keep me posted. Good luck.

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31753. Re: HT Antennas and SWR - DummyLoads

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:10:06 UTC
From: Radio_Randy
Topic: 31723 Message: 31753

Phillip,

I didn't realize such a simple question as yours would start such a flame war...

In a later post, you stated using a UHF "elbow" adapter, I believe. If you have been using that same adapter with your dummy load and other tests, remove it from the equation and try again.

If that fixes the "problem", let me know and I'll explain my theory to you.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> This is an update of new info to my previous post "HT Antennas and SWR"
>
> I am testing, using a Diamond DL-30A Dummy Load as the reference. Good for 0-500Mhz at 15W continuous. I am only putting out 5-10 Watts to test.
>
> I get perfect 1.1 on all bands EXCEPT 70cm!
>
> It gives me about 2.5:1 using my LDG FT Meter.
>
> Any ideas?
>
> Phillip
> N8AYE
>

31754. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:17:10 UTC
From: Radio_Randy
Topic: 31750 Message: 31754

William,

You will need the antenna analyzer to tune your BuddiPole for each band, unless you already have the lengths figured out. The numbers that come with the kit are merely baseline figures. Also, proximity to structures (such as your SUV) may change the tuning.

Also, I've found that the BuddiPole's restricted height, when assembled, adversely affects the 40 meter band. Although you can resonate the antenna, the feedline impedance is far below 50 ohms. This will create an unacceptable SWR for your radio. Because of this, you have a couple of options:

1. Take your tuner along
2. Purchase an impedance transformer (from BuddiPole or other source)

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@...> wrote:
>
> Hi all, I have some questions.
> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.
>
> The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.
>
> As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.
>
> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.
>
> Anyone have been there, experience with getting a temporary license (1 month)?
>
> Thanks for reading and any suggestions are welcome!
>
> 73' de William - PA3GUW
> http://www.pa3guw.web-log.nl
> Twitter: LIAM65KEN
>

31755. Re: Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:25:31 UTC
From: Radio_Randy
Topic: 31725 Message: 31755

Rob,

Have you tried an external power supply? Also, have you tried transmitting into a dummy load to insure an unhappy neighbor didn't pin your coax after a weekend of RFI (HI)?

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
>
> Gee. Just when I was beginning to really enjoy this rig, it comes back
> and bites me. Let me post the particulars here to see if anyone has
> any suggestions before the rig goes back to Yaesu.
>
> I participated in the CQ-WE contest this weekend, and gave the rig a
> fairly hard workout in the process -- lots of different bands and a
> few cockpit errors. It performed flawlessly right up to the end of
> the contest. Immediately after making my final contact, I hurriedly
> powered the rig off from its front panel button and left to meet some
> friends for dinner.
>
> Upon returning to the shack a couple hours later, I noticed I had not
> removed the power from the rig's internal PS, something I normally do.
> I didn't think anything of this, but when I powered the rig back on from
> the front panel, it immediately did a complete master reset, something
> it had never done before. Hmm. Further investigation revealed that
> the rig is now only putting out about 40W on the 160m band. It seems
> to put out 85W or better on all the other HF bands, which seems a bit
> lower than before but at least in the right ballpark. On-the-air tests
> reveal no audio distortion at the 40W level on 160m.
>
> I removed all the ancillary cabling and tried another full master reset,
> but no joy. Power Control behaves normally up to the 40W level. Then,
> ALC drops to zero, but the power out sticks at 40W (on 160m). The only
> other anomaly I see is that the "13.8V" indicator on the display, which
> always used to read 13.8 or 13.7 on receive, is now reading 13.6 or even
> 13.5V. The measured the no load voltage on the PS is 13.9V.
>
> Believing perhaps the service menus had been corrupted, I went into
> alignment mode and found 18:HF1-IC and 24:HF1-MAX appeared to be set
> to reasonable values. I tried adjusting them but to no avail. 17:VCC
> reads 138.
>
> Without breaking open the case, something I am reluctant to do, I'm out
> of ideas. Any suggestions?
>
> Rob / KD8WK

>

31756. Re: CPU reset while transmitting

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:30:51 UTC
From: Radio_Randy
Topic: 29695 Message: 31756

Pardon me, but a toroid on your ground wire is like fusing the neutral lead on a power supply. You're just asking for trouble.

Although it may have initially helped your RFI, the increased inductance on your ground will be counterproductive for protection from nearby lightning strikes.

Just thought you'd like to know.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Mike McRoberts <mike@...> wrote:
>
> It's been quite a while and my problem seems to have been solved. I used a
> wrap-around toroid on my ground wire. Have had zero troubles since.
>
> It seems that Paul was correct that the FT-897D is a little sensitive.
>
> Thanks for your help Paul.
>
> Mike
> ---
> Sent from my HTC Incredible
> On Apr 10, 2010 3:40 PM, "Paul Graham" <cooldotwebdesign@...> wrote:
> > Hello Mike,
> >
> > 897's seem to be rather prone to this sort of thing. Mine did a full reset
> quite some time ago. Also, A/B, I tend to use one for HF and another for
> VHF. I've found both to be on HF numerous times (including this week).
> > For me it seems to be RF in the shack, which I'm mostly prone to on 80m.
> Some times my radio also turns itself off. It only ever does this when I
> transmit, even though I'm limited to 50w.
> >
> > Paul.
> >
> >
> >
> > _____
> > From: kd6ftr <mike@...>
> > To: FT897@yahoogroups.com
> > Sent: Sat, 10 April, 2010 22:00:32
> > Subject: [FT897] CPU reset while transmitting
> >
> >
> > This afternoon I was working a W4 station on 15m when, in the middle of my
> QSO, my radio did a full CPU reset, returning everything to factory
> settings. I have an LDG AT-897Plus tuner attached the radio with an LDG FT

> Meter for a little better/larger display. The SWR on the FT meter showed
> 1.1:1, my RF Power Set (No-075) was set at 100W and the radio is grounded.
> >
> > Thankfully I previously saved the memory channels using Mac Memories
> Manager from Dog Park Software and was able to copy them back into memory.
> However, this is the second time it's happened.
> >
> > Does anyone have any ideas or suggestions?
> >
> > 73 de Mike/KD6FTR
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
> [Non-text portions of this message have been removed]
>

31757. Re: Problems

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:37:03 UTC
From: Radio_Randy
Topic: 31727 Message: 31757

HI, HI!

About a year ago, I went to the local fair grounds to help our Amateur station operator. He was getting no signals from his 897D, not even static. He and another ham had checked his cables, antenna, switched antennas, etc, to no avail.

Within 10 seconds, I had the problem fixed. His RF gain was turned nearly all the way down. Yep, you're right, happens to the best of us at times.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "sooth sayer" <robert.farey@...> wrote:
>
> Hi Guys
> i have seen a lot of problems mentioned, without much detail about power supplies and details about having checked certain topics such as temperature of the case.
> some vswr bridges are sometimes so inaccurate.sometimes issues get missed in the heat of the moment.
> this method used allows for no question asking with resposive replies when an operator admits he has made a mistake.
> what we used to call a customer operating error.
> i have made many in my thirty years and many with this radio, as it just has a few nasty little things it does for no apparent reason like switching off the AGC so you get no S meter reading it seemed to affect the squelch as well at the same time.
> Maybe it has a few software faults and the only cure does seem to be a hard reset. pain that this might be as you then need to reload the parameters you have put in over several months.
> like the RF power level was it rather warm at the time or maybe just hot. Regards Robert G6LLP
>

31758. Re: HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-17 19:48:39 UTC
From: Radio_Randy
Topic: 31720 Message: 31758

Phillip,

Rubber Ducks are about the worst "antenna" out there. As others have said, there's not much reason worrying about them. Since they've been used on thousands of handheld radios for decades, they must be doing something (partly) right.

As for the SWR, keep in mind that a rubber duck has virtually no ground plane to work from when mounted on a "portable" radio. The only time you might measure a decent SWR is if you mount the duckie to a mag mount and place in on top of your vehicle. Other than that, all bets are off.

The portable radios I've been maintaining for the past 20+ years have a special matching network at the base of the rubber duckie. If you plug in an external antenna, this network is bypassed. Apparently, these antennas aren't rated a solid 50 ohms.

Since you're using such low power output, it's unlikely that you will damage the finals of an 897D. The main reasons for hardware failure is heat and high voltage, neither of which you will get when operating 5 watts into a rubber duck antenna.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> OK, it is bad enough that the Rubber duck which came with my 817 always gave bad SWR readings on the 817's "meter". It was also missing the large tip and so I ordered a new set to get the tip. Now I have the tip and 2 bases. The second base has worse SWR then the first.
>
> I tried these antennas on an 897 and got bad SWR. ESPECIALLY on 70cm. I have the 897 set to 5W and tried a number of HT antennas. All showed 2.0 or worse. Some showed 3. On 446, all of them showed horrendous SWR and sent the 897 in HSWR mode (they all did this on the 817 as well).
>
> These are supposedly namebrand (TIC) 2m/70cm dual band HT antennas. I would expect at least 2.0 for both bands. The people in my club say "dont worry", as if HT's and Mobiles dont bother with SWR.
>
> I have used these antennas on my HTs and one on my Mobile for a long time. I never worried because none of these radios ever displayed an SWR and they worked at least 'good enough'.
>
> I tested them on an MFJ 259 and though it displays a "slightly" lower SWR... They all still show high results.
>
> So, is if going to be harder to find a portable antenna that the 897 "likes".
>

> Do we really not worry about antennas on HTs or Mobiles?
>
> I am only testing with 5Watts on the 897 and 10W on the Mobile (into an antenna whip rated for 20W).
>
> So I am not being aggressive here but very cautious. Having just got my 817 back from Cal for finally blowing its finals after 8 years (one of the early models prone to this; yet mine took 8 years).
>
> Now I am SWR paranoid! Should I be?
>
> Why have an HSWR on the 897 if it is not useful?
>
> Phillip
> N8AYE
>

31759. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 20:04:23 UTC
From: William (Bill)
Topic: 31750 Message: 31759

Tnx Olivier,

Yes I know how the Buddipole works. I'm building an antenna analyser at this moment so this will easy working with this funny antenna.
I do not have a Yaesu tuner, I have a MFJ tuners somewhere in the shack and give it a try.

I will look to the LDG YT-100 later on.

73' de William

--- In FT897@yahoogroups.com, "Unit365" <unit365@...> wrote:
>
> Hi William
>
> Be carefull with buddipole, you must adjust the antenna each time you change the band. Even with a coupler you must adjust length and coils of the buddipole. I have one and it's a nice antenna, funny too, not heavy and small in the bag.
> If you buy a coupler ,buy a LDG YT-100, i have one also, and it works nice, but the most interesting is that this tuner have an CAT for the computer, instead of some other eg FC30 which have not this port and it's not possible to connect your netbook at the same time the coupler.
> Not much used the buddipole but maybe it would be better to have a coupler, and a MFJ259 for your travel.
>
> 73's
> Olivier
> F4FQH
>
>
>
>
> From: William (Bill)
> Sent: Sunday, November 14, 2010 2:29 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] FT987D on the go
>
>
>
> Hi all, I have some questions.
> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.
>
> The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.
>
> As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG

tuner does not seem to be necesarry but please tell me if I'm wrong.
>
> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.
>
> Anyone have been there, experience with getting a temporary license (1 month)?
>
> Thanks for reading and any suggestions are welcome!
>
> 73' de William - PA3GUW
> http://www.pa3guw.web-log.nl
> Twitter: LIAM65KEN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31760. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 20:08:32 UTC
From: William (Bill)
Topic: 31750 Message: 31760

Hi Randy,

I'm building an analyser at this moment ;-)

I also take a tuner with me to use a wire or dipole if neccesary.

TNX for your comment, I will keep this in mind.

73' de William

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> William,
>
> You will need the antenna analyzer to tune your BuddiPole for each band, unless you already have the lengths figured out. The numbers that come with the kit are merely baseline figures. Also, proximity to structures (such as your SUV) may change the tuning.
>
> Also, I've found that the BuddiPole's restricted height, when assembled, adversely affects the 40 meter band. Although you can resonate the antenna, the feedline impedance is far below 50 ohms. This will create an unacceptable SWR for your radio. Because of this, you have a couple of options:
>
> 1. Take your tuner along
> 2. Purchase an impedance transformer (from BuddiPole or other source)
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@> wrote:
> >
> > Hi all, I have some questions.
> > First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.
> >
> > The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.
> >
> > As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.
> >
> > Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.
> >
> > Anyone have been there, experience with getting a temporary license (1 month)?

> >
> > Thanks for reading and any suggestions are welcome!
> >
> > 73' de William - PA3GUW
> > http://www.pa3guw.web-log.nl
> > Twitter: LIAM65KEN
> >
>

31761. Re: [FT897] Re: Glitch leaves my FT-897 with low output on 160m

Yahoo group: FT897 (2010)
Date: 2010-11-17 20:19:06 UTC
From: Rob Stampfli
Topic: 31725 Message: 31761

Hi Randy,
Yes, I have conducted most of my experiments into a dummy load, although it behaves similarly with the antenna. (Obviously, the OTA tests were with a real antenna.) FWIW, the rig (and an external meter) is showing good SWR so I don't think that this is the problem.

I have not tried substituting an external power supply. I could probably do that easily enough, but the voltage indicator on the 897 indicates I have good voltage (although a few 1/10ths of a volt lower than it once read) and the display doesn't dim or exhibit any symptom like that. But, if I have the chance, I'll test it on my external supply.

The schematic shows the rig has 7 bandpass filters for the various HF bands. Personally, I suspect something along the lines such as one of the PIN diodes that control which one of these filters is in the picture has blown, but that's only a guess.

If anyone else can think of anything else to suggest, I'm all ears.

Thanks,
Rob / KD8WK

On Wed, Nov 17, 2010 at 07:25:31PM -0000, Radio_Randy wrote:
> Rob,
>
> Have you tried an external power supply? Also, have you tried transmitting into a dummy load to insure an unhappy neighbor didn't pin your coax after a weekend of RFI (HI)?
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:
> >
> > Gee. Just when I was beginning to really enjoy this rig, it comes back
> > and bites me. Let me post the particulars here to see if anyone has
> > any suggestions before the rig goes back to Yaesu.
> >
> > I participated in the CQ-WE contest this weekend, and gave the rig a
> > fairly hard workout in the process -- lots of different bands and a
> > few cockpit errors. It performed flawlessly right up to the end of
> > the contest. Immediately after making my final contact, I hurriedly
> > powered the rig off from its front panel button and left to meet some
> > friends for dinner.
> >
> > Upon returning to the shack a couple hours later, I noticed I had not
> > removed the power from the rig's internal PS, something I normally do.
> > I didn't think anything of this, but when I powered the rig back on from

> > the front panel, it immediately did a complete master reset, something
> > it had never done before. Hmm. Further investigation revealed that
> > the rig is now only putting out about 40W on the 160m band. It seems
> > to put out 85W or better on all the other HF bands, which seems a bit
> > lower than before but at least in the right ballpark. On-the-air tests
> > reveal no audio distortion at the 40W level on 160m.
> >
> > I removed all the ancillary cabling and tried another full master reset,
> > but no joy. Power Control behaves normally up to the 40W level. Then,
> > ALC drops to zero, but the power out sticks at 40W (on 160m). The only
> > other anomaly I see is that the "13.8V" indicator on the display, which
> > always used to read 13.8 or 13.7 on receive, is now reading 13.6 or even
> > 13.5V. The measured the no load voltage on the PS is 13.9V.
> >
> > Believing perhaps the service menus had been corrupted, I went into
> > alignment mode and found 18:HF1-IC and 24:HF1-MAX appeared to be set
> > to reasonable values. I tried adjusting them but to no avail. 17:VCC
> > reads 138.
> >
> > Without breaking open the case, something I am reluctant to do, I'm out
> > of ideas. Any suggestions?
> >
> > Rob / KD8WK
> >
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> ------------------------------------
>
> Yahoo! Groups Links
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>
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31762. Re: [FT897] Re: HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-17 21:06:26 UTC
From: Harold Burton
Topic: 31720 Message: 31762

I've decided that, if I ever come into possession of a HandiTalky, I shall cast the Rubber Ducky as far as is possible from me. I shall then obtain an aluminum hard hat and install upon it a 1/4 wave groundplane antenna and attach it to the minitransceiver with about 6 feet of minicoax. I'm sure my signal will be enhanced by the improved antenna. I'll freely admit that my antenna plan was inspired by a photo taken at Dayton a couple of years ago. The photo showed a Ham with a 2 meter Hexbeam mounted on a hard hat. I prefer the omnidirectional groundplane antenna, since, not requiring rotation, it will save wear and tear on the neck.(G)

Harold
KD5SAK

----- Original Message -----
From: "Radio_Randy" <rjones@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, November 17, 2010 1:48 PM
Subject: [FT897] Re: HT Antennas and SWR

> Phillip,
>
> Rubber Ducks are about the worst "antenna" out there. As others have said,
> there's not much reason worrying about them. Since they've been used on
> thousands of handheld radios for decades, they must be doing something
> (partly) right.
>
> As for the SWR, keep in mind that a rubber duck has virtually no ground
> plane to work from when mounted on a "portable" radio. The only time you
> might measure a decent SWR is if you mount the duckie to a mag mount and
> place in on top of your vehicle. Other than that, all bets are off.
>
> The portable radios I've been maintaining for the past 20+ years have a
> special matching network at the base of the rubber duckie. If you plug in
> an external antenna, this network is bypassed. Apparently, these antennas
> aren't rated a solid 50 ohms.
>
> Since you're using such low power output, it's unlikely that you will
> damage the finals of an 897D. The main reasons for hardware failure is
> heat and high voltage, neither of which you will get when operating 5
> watts into a rubber duck antenna.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>>

>> OK, it is bad enough that the Rubber duck which came with my 817 always
>> gave bad SWR readings on the 817's "meter". It was also missing the large
>> tip and so I ordered a new set to get the tip. Now I have the tip and 2
>> bases. The second base has worse SWR then the first.
>>
>> I tried these antennas on an 897 and got bad SWR. ESPECIALLY on 70cm. I
>> have the 897 set to 5W and tried a number of HT antennas. All showed 2.0
>> or worse. Some showed 3. On 446, all of them showed horrendous SWR and
>> sent the 897 in HSWR mode (they all did this on the 817 as well).
>>
>> These are supposedly namebrand (TIC) 2m/70cm dual band HT antennas. I
>> would expect at least 2.0 for both bands. The people in my club say "dont
>> worry", as if HT's and Mobiles dont bother with SWR.
>>
>> I have used these antennas on my HTs and one on my Mobile for a long
>> time. I never worried because none of these radios ever displayed an SWR
>> and they worked at least 'good enough'.
>>
>> I tested them on an MFJ 259 and though it displays a "slightly" lower
>> SWR... They all still show high results.
>>
>> So, is if going to be harder to find a portable antenna that the 897
>> "likes".
>>
>> Do we really not worry about antennas on HTs or Mobiles?
>>
>> I am only testing with 5Watts on the 897 and 10W on the Mobile (into an
>> antenna whip rated for 20W).
>>
>> So I am not being aggressive here but very cautious. Having just got my
>> 817 back from Cal for finally blowing its finals after 8 years (one of
>> the early models prone to this; yet mine took 8 years).
>>
>> Now I am SWR paranoid! Should I be?
>>
>> Why have an HSWR on the 897 if it is not useful?
>>
>> Phillip
>> N8AYE
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31763. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 21:35:31 UTC
From: JP
Topic: 31750 Message: 31763

You don't need a tuner with the Buddipole since you'll use the analyzer to tune the antenna to a good SWR. It's not a bad thing to have an tuner anyway just to make that final adjustment or avoid having to re-adjust the Buddipole when you're moving up and down a band (avoid having to tiptoe through the lions late at night when changing frequency).

I second the recommendation to get what Buddipole calls the the TRSB (a selectable balun -- actually an unun) to make tuning easier.

Remember that the Buddipole in its horizontal position is a dipole that is less than 1/4 wavelength above ground. Any horizontal dipole that is less than 1/4 wave above ground is going to mostly warm the clouds (i.e., a high takeoff angle) which will reduce your ability to be heard by stations that are beyond about a 100-150 mile radius (say 150-250km). Consider using your Buddipole as a vertical with counterpoise or "L" configuration to get longer distances. Also, you might want to join the Buddipole group on Yahoo and download the instructions for the vertical dipole configuration. I've had great DX success with the Buddipole as a vertical dipole or in the "L" configuration -- routinely hitting deep into South America or Europe from the Northeast US using an FT-897 at 25 watts SSB or 20 watts PSK.

I've had a lot of experience running digimodes with netbook class computers. I find that many of them will lock up if you're running digital modes with only 1 Gig of memory (the standard for most netbooks sold) when using the computer's internal soundcard. Adding an extra 1 Gig of memory consistently solves the problem -- as does using a SignaLink as the interface. At any rate, you should do extensive testing of your netbook on digital mode before you start your trip.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@...> wrote:
>
> Hi all, I have some questions.

31764. Re: RF Gain and squelch

Yahoo group: FT897 (2010)
Date: 2010-11-17 23:42:35 UTC
From: Radio_Randy
Topic: 31713 Message: 31764

Iain,

The simple answer (from the manual) is that when the knob is programmed to act as Squelch, it works as such in any mode. If programmed to act as RF Gain, FM mode uses a preset squelch setting (set by the factory).

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Iain" <iain@...> wrote:
>
> Hi All
>
>
>
> Maybe I am missing something obvious but could anyone tell me.
>
> When I set the front panel RF Gain/Squelch (memory option 080) to become an
> RF gain control .what sets the Squelch when I change band/mode to FM ?
>
>
>
> Thanks in anticipation
>
> Iain G4DPF
>
>
>
> [Non-text portions of this message have been removed]
>

31765. Re: [FT897] FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 23:42:24 UTC
From: JP Douglas
Topic: 31750 Message: 31765

We have been using a Chameleon all band whip for several months now for portable work and have had nothing but great results both on voice and digital.
Tuner is an LDG 897 Plus and we use four 4 ft masts for elevation though we've also just used antenna w/a camera tripod w/ok results.
No need to manually tune each band and the two of us (my YL is also a ham) set up the antenna in about 15 minutes.

73 de KB1TCD

From: William (Bill) <pa3guw@...>
To: FT897@yahoogroups.com
Sent: Sun, November 14, 2010 8:29:35 AM
Subject: [FT897] FT987D on the go

Hi all, I have some questions.
First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.

The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.

As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.

Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.

Anyone have been there, experience with getting a temporary license (1 month)?

Thanks for reading and any suggestions are welcome!

73' de William - PA3GUW
http://www.pa3guw.web-log.nl
Twitter: LIAM65KEN

[Non-text portions of this message have been removed]

31766. RE: [FT897] HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 00:20:59 UTC
From: Mike Ernst
Topic: 31678 Message: 31766

Damien,

First of all lots of power is not really needed for PSK31. I had a similar experience as you when I first tried to get going on PSK31. I ended up having a fellow Ham who lived a few miles away and was successfully running PSK31 (and who knew what he was doing) help me out. We prearranged a time and frequency so he knew exactly when and where to look. And we were running 2M FM as well so he could call me by voice and tell me what to change. Bottom line I found out was to cut way back on Digital Gain (I have mine set at 20) right off the bat. If you set it much higher than that, you will distort the signal and it will not be able to be translated by others.

Rule of thumb is to reduce it until the meter drops to zero then raise it ever so slightly.

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Damien Gardner Jnr
Sent: Monday, November 08, 2010 6:01 PM
To: FT897@yahoogroups.com
Subject: [FT897] HF range - Help :)

Hi Folks,

Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)

I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..

Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And

proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!

Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.

So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?

Any thoughts much appreciated :)

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... <mailto:rendrag%40rendrag.net> -
http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

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[Non-text portions of this message have been removed]

31767. Re: [FT897] HF range - Help :)

Yahoo group: FT897 (2010)
Date: 2010-11-09 08:14:55 UTC
From: ROBERT FAREY
Topic: 31678 Message: 31767

Hi Damien
Being on the other side of this globe, i hear this sad tale of woe a lot. looking at your string of tickets i guess you have some problems which might just be very basic.
In my 30 odd years of amateur radio have found some very simple and very irriating faults both in my equipment and others and find simple remedies like looking at just simple joints to be the cause.
we all have those moments when something seems in explainable, till we start tearing it all apart then it becomes so obvious. Best Regards Robert G6LLP

--- On Mon, 8/11/10, Damien Gardner Jnr <rendrag@...> wrote:

From: Damien Gardner Jnr <rendrag@...>
Subject: [FT897] HF range - Help :)
To: FT897@yahoogroups.com
Date: Monday, 8 November, 2010, 23:00

Hi Folks,

Sorry, I know this technically isn't the right place to ask this question, but I wasn't quite sure where I should be asking it :)

I've had my FT897 for many many years now.. it works GREAT in the car (though now replaced in the car with a permanently mounted FT857), with a whip for 30m aprs. And it *was* working fine a few years ago (I've moved around a bit since then) for APRS from the shack also.. Note: APRS is about all i've ever used it for..

Anyhow, I've been trying to use PSK31 (and for that matter even voice! - which is a rare occurance for me..) for about the last 12 months, without much success.. - I can hear folks fine, but except for one New Caledonian station about 3 years ago (so a previous shack+antenna layout), noone ever seems to hear me. I figured ok, that's HF for you.. But on sunday I was sitting there listening to folks doing PSK31 on 7035.15, and heard one station come in whooping out over S9. A quick callsign lookup tells me he's only 5km away. Here's my chance i thought, and replied to his CQ. And proceeded to spend the next hour replying to his CQ's, without response.. I thought maybe I wasn't far enough afield for him to bother replying, so shot him a quick email - but no, he definitely hadn't heard me!

Now I'm assuming that he's probably pumping out a fair whack of power, as the 2m extendable whip on my PCR1000 couldn't hear him at all, though the 8.5m TEV-1 sitting on top of the 8m tower in the back yard was getting him on the FT897 at S9+.

So I guess my question is.. - is the 897 just REALLY sensitive, and so I'm hearing folks I don't have a hope of transmitting to? SHOULD I be heard by someone 10km away on 7mhz? I'd have thought at that range, if I can hear him, he's going to hear me.. I"m kinda wondering whether I have something setup wrong, whether it's in software or hardware, or if I'm just expecting more than I should be?

Any thoughts much appreciated :)

Damien Gardner Jnr

VK2TDG. Dip EE. GradIEAust

rendrag@... - http://www.rendrag.net/

--

We rode on the winds of the rising storm,

We ran to the sounds of thunder.

We danced among the lightning bolts,

and tore the world asunder

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31768. RE: [FT897] Re: FT_897D - HRD problem... finito...

Yahoo group: FT897 (2010)
Date: 2010-11-07 14:04:28 UTC
From: Mike Ernst
Topic: 31639 Message: 31768

Peter,

OK – sorry to hear you are giving up on it. My experience has been that if while using HRD you get a “Blue Screen of Death” it is usually related to incorrect drivers for the USB-to-serial cable. If you get things like reboots on your PC or weird things in your rig it is usually RFI. If you get noise it is usually line noise and adding ferrites, better grounding, etc will usually fix it.

Anyway, good luck and 73.

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F
Sent: Sunday, November 07, 2010 8:59 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: FT_897D - HRD problem... finito...

Hi Hi.... we should have a bit fun here.. right..?
But I quit HRD problems.... I am finished wit my experimenting....
One day I will try USB CAT cable.... and I am quite happy without turning my Ham shack upside down.... again and again....

Thnx Peter OM3TLP....

--- On Sun, 11/7/10, Mike Ernst <ae8u@... <mailto:ae8u%40fuse.net> > wrote:

From: Mike Ernst <ae8u@fuse.net <mailto:ae8u%40fuse.net> >
Subject: RE: [FT897] Re: FT_897D - HRD problem...
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Received: Sunday, November 7, 2010, 8:19 AM

Well, that was embarrassing. Sent it from my Droid and I missed the “t” so ferrites became ferries. (I hate those stupid little cell phone keyboards.)

Anyway, thanks for adding humor <big smile>

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number

of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of George F

Sent: Friday, November 05, 2010 4:21 PM

To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

Subject: Re: [FT897] Re: FT_897D - HRD problem...

Hi Mike.....

I have ferries on mouse cable, keboard cable and CAT cable (4 ferries...)

I have also feries on monitor (4 ferr...) a PC power cable (4 ferries...).

It must be some kind of witchcraft ..hihi...

Thnx... Peter...OM3TLP

--- On Fri, 11/5/10, ae8u@... <mailto:ae8u%40fuse.net> <mailto:ae8u%40fuse.net> <ae8u@... <mailto:ae8u%40fuse.net> <mailto:ae8u%40fuse.net> > wrote:

From: ae8u@... <mailto:ae8u%40fuse.net> <mailto:ae8u%40fuse.net> <ae8u@... <mailto:ae8u%40fuse.net> <mailto:ae8u%40fuse.net> >

Subject: Re: [FT897] Re: FT_897D - HRD problem...

To: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> <mailto:gefi_can%40yahoo.com> >, FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>

Received: Friday, November 5, 2010, 3:24 PM

I suggest you add some ferries to the offending cable.

73,

Mike AE8U

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----

From: "George F" <gefi_can@... <mailto:gefi_can%40yahoo.com> <mailto:gefi_can%40yahoo.com> >

Date: Fri, Nov 5, 2010 12:33 pm

Subject: [FT897] Re: FT_897D - HRD problem...

To: <FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com> >

William...

right now I am running at 9600 Bd... I will try a higher speed...

Thnx...for respond...

P. OM3TLP

--- On Fri, 11/5/10, William <wabarron@... <mailto:wabarron%40tampabay.rr.com> <mailto:wabarron%40tampabay.rr.com> > wrote:

From: William <wabarron@... <mailto:wabarron%40tampabay.rr.com> <mailto:wabarron%40tampabay.rr.com> >

Subject: [FT897] Re: FT_897D - HRD problem...

To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>

Received: Friday, November 5, 2010, 9:32 AM

Normal stuff.

You can minimize the noise by making sure you connect at no higher than 9600 baud... which is plenty fast.

Bill W1WAB

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com> , "gefi_can" <gefi_can@...> wrote:

>

> Hallo Guys..

>

> I need your advice and opinion.... I successfully connected my Desktop PC (CPU 3 MHz /4MB RAM...) to FT897D rig with orig. Yaesu CAT cable.

> The HRD program promptly recognized my FT rig.... everything was working fine for few weeks. Suddenly I got one strange problem.

> On freq. 14 MHz I can hear all kind of noises coming from my PC....

> I can even hear mouse click and I can also hear my Hard Disk activities an scrolling on the screen.

> I unplugged radio from external power supply and plugged radio on

> 12 Volt car battery and I used Laptop running also on battery and I switched off all breakers in my Condo and the sound was still there. Freq 14 MHz was OK but 3.5 MHz was bad...The sound coming from FT speaker is similar to the sound as old diesel car running on free.

> I don't have any problem with my FT rig when CAT cable is disconnected from radio. I tried 5 PCs and the sound was still there.... and what now...? The CAT cable is brand new.

>

>

> Any suggestions are welcome....

>

> Thank you....

> Peter OM3TLP.

>

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[Non-text portions of this message have been removed]

31769. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-17 16:07:37 UTC
From: Chandranet
Topic: 31750 Message: 31769

As a practical matter, I would recommend using an LDG tuner if you are going to be using more than one antenna (and feedlines) over multiple frequencies. I use my FT897D as a portable field rig quite a bit with 3 different antennae and feedlines (ATAS-25, G5RV, Alpha Delta DX-CC). While it tunes up with few changes on resonant frequencies (this is especially noticeable on the DX-CC with the 40 and 20 meter bands), I have had several occasions where the LDG made the difference between getting out a signal or just watching my SWR bounce way up.

The LDG fits nicely against the 897 case and really hasn't added a severe travel penalty. Plus, it is very battery friendly (which is something you might consider going portable).

I haven't tried the ATAS-120, but the most consistent advice for that antenna that I hear is to make certain that you have a good ground as described in its book o' rules.

Hope you have fun on your adventure!
73 and Best regards,
David
KF5IIL

--- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@...> wrote:
>
> Hi all, I have some questions.
> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.
>
> The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.
>
> As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.
>
> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.
>
> Anyone have been there, experience with getting a temporary license (1 month)?
>
> Thanks for reading and any suggestions are welcome!
>
> 73' de William - PA3GUW
> http://www.pa3guw.web-log.nl
> Twitter: LIAM65KEN
>

31770. Re: [FT897] Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-18 06:53:21 UTC
From: ROBERT FAREY
Topic: 31750 Message: 31770

Hi David
At last a post bt some one who knows what to do as some of the ideas about antennas i have seen here are so obviously just rubbish. Regards Robert G6LLP

--- On Wed, 17/11/10, Chandranet <bicparker@verizon.net> wrote:

From: Chandranet <bicparker@...>
Subject: [FT897] Re: FT987D on the go
To: FT897@yahoogroups.com
Date: Wednesday, 17 November, 2010, 16:07

As a practical matter, I would recommend using an LDG tuner if you are going to be using more than one antenna (and feedlines) over multiple frequencies. I use my FT897D as a portable field rig quite a bit with 3 different antennae and feedlines (ATAS-25, G5RV, Alpha Delta DX-CC). While it tunes up with few changes on resonant frequencies (this is especially noticeable on the DX-CC with the 40 and 20 meter bands), I have had several occasions where the LDG made the difference between getting out a signal or just watching my SWR bounce way up.

The LDG fits nicely against the 897 case and really hasn't added a severe travel penalty. Plus, it is very battery friendly (which is something you might consider going portable).

I haven't tried the ATAS-120, but the most consistent advice for that antenna that I hear is to make certain that you have a good ground as described in its book o' rules.

Hope you have fun on your adventure!

73 and Best regards,

David

KF5IIL

--- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@...> wrote:

>

> Hi all, I have some questions.

> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.

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> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.

>

> Anyone have been there, experience with getting a temporary license (1 month)?

>

> Thanks for reading and any suggestions are welcome!

>

> 73' de William - PA3GUW

> http://www.pa3guw.web-log.nl

> Twitter: LIAM65KEN

>

[Non-text portions of this message have been removed]

31771. Re: HT Antennas and SWR

Yahoo group: FT897 (2010)
Date: 2010-11-18 09:46:32 UTC
From: vk6mb
Topic: 31720 Message: 31771

--- In FT897@yahoogroups.com, "Harold Burton" <kd5sak@...> wrote:
>For my HT's I use a 1/4 wave whip with a 1/4 wave 'tiger tail' -
http://www.youtube.com/watch?v=8C_ByxxY8gg&feature=related

very effective

73 Mike VK6MB

> I've decided that, if I ever come into possession of a HandiTalky, I shall
> cast the Rubber Ducky as far as is possible from me. I shall then
> obtain an aluminum hard hat and install upon it a 1/4 wave groundplane
> antenna and attach it to the minitransceiver with about 6 feet of minicoax.
> I'm sure my signal will be enhanced by the improved antenna. I'll freely
> admit that my antenna plan was inspired
> by a photo taken at Dayton a couple of years ago. The photo showed a Ham
> with a 2 meter Hexbeam mounted on a hard hat. I prefer
> the omnidirectional groundplane antenna, since, not requiring rotation, it
> will save wear and tear on the neck.(G)
>
> Harold
> KD5SAK
>

31772. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-18 17:10:32 UTC
From: William (Bill)
Topic: 31750 Message: 31772

Tnx Jon,

I'm already member of the BP-group. I have tried the buddistick variant but will sure test the others during the time to come.

73' de William

sent from my iMac

31773. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-18 17:12:27 UTC
From: William (Bill)
Topic: 31750 Message: 31773

DR Om,

Tnx I will lookup the antenna for a quick look.
Thanks for sharing your info!

73' de William

Sent from my iMac

--- In FT897@yahoogroups.com, JP Douglas <josedouglas@...> wrote:
>
> We have been using a Chameleon all band whip for several months now for portable
> work and have had nothing but great results both on voice and digital.
> Tuner is an LDG 897 Plus and we use four 4 ft masts for elevation though we've
> also just used antenna w/a camera tripod w/ok results.
> No need to manually tune each band and the two of us (my YL is also a ham) set
> up the antenna in about 15 minutes.
>
> 73 de KB1TCD
>
>
>
>
>
> _____
> From: William (Bill) <pa3guw@...>
> To: FT897@yahoogroups.com
> Sent: Sun, November 14, 2010 8:29:35 AM
> Subject: [FT897] FT987D on the go
>
>
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> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I,
> PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF
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>
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>
> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for
> /M I would use the ATAS120 antenna, anyone having experience with this antenna
> on these type of car's (the Landrover is from Aluminium ... eg.) or should I

> take an Outbacker to the South part of Uganda.
>
> Anyone have been there, experience with getting a temporary license (1 month)?
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> Thanks for reading and any suggestions are welcome!
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> 73' de William - PA3GUW
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>
>
>
> [Non-text portions of this message have been removed]
>

31774. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-18 17:16:13 UTC
From: William (Bill)
Topic: 31750 Message: 31774

Hi David,

tnx fr reply. Well I considered the LDG, but also read something about a Y-100 from LDG. I will investigate. And is a good ground/counterpoise not always the big question....? :-)

Keep you posted all.

William.

Sent for my iMac

--- In FT897@yahoogroups.com, "Chandranet" <bicparker@...> wrote:
>
> As a practical matter, I would recommend using an LDG tuner if you are going to be using more than one antenna (and feedlines) over multiple frequencies. I use my FT897D as a portable field rig quite a bit with 3 different antennae and feedlines (ATAS-25, G5RV, Alpha Delta DX-CC). While it tunes up with few changes on resonant frequencies (this is especially noticeable on the DX-CC with the 40 and 20 meter bands), I have had several occasions where the LDG made the difference between getting out a signal or just watching my SWR bounce way up.
>
> The LDG fits nicely against the 897 case and really hasn't added a severe travel penalty. Plus, it is very battery friendly (which is something you might consider going portable).
>
> I haven't tried the ATAS-120, but the most consistent advice for that antenna that I hear is to make certain that you have a good ground as described in its book o' rules.
>
> Hope you have fun on your adventure!
> 73 and Best regards,
> David
> KF5IIL
>
> --- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@> wrote:
> >
> > Hi all, I have some questions.
> > First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.
> >
> > The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.
> >
> > As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.
> >
> > Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of

car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.
> >
> > Anyone have been there, experience with getting a temporary license (1 month)?
> >
> > Thanks for reading and any suggestions are welcome!
> >
> > 73' de William - PA3GUW
> > http://www.pa3guw.web-log.nl
> > Twitter: LIAM65KEN
> >
>

31775. What resistance at VHF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 00:12:04 UTC
From: scotchmandr
Topic: 13232 Message: 31775

In tracing down my SWR problem I came across the below post post.

My own measurements are as follows.

I get 3.3KOhms checking both ways on the HF connector
and
I get 46.4KOhms checking both ways on the VHF connector

Is this what they should be? Or am I heading in the right direction?

Phillip
N8AYE

--- In FT897@yahoogroups.com, "pa9kb" <k.betten@...> wrote:
>
> Thanks for your measurement!
> The protection circuit is OK. It could be somewhere in the circuit
> that drives the automatic antenna tuner (the components I mentioned
> already). I will check them.
> I receives OK, I did not yet check SWR, but I think that is OK as
> well, because for RF, there are coils in the ANT signal line to stop
> the FR signal going to the circuit for driving the antenna tuner.
> It might also be some other circuit between 13,8V signal and ground.
>
> Thanks,
> Klaas - PA9KB
>
>
> --- In FT897@yahoogroups.com, Randy Moore <randymoore@n...> wrote:
> >
> > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
> your
> > protection circuit may be blown. Do you get a high swr when keyed
> into
> > a dummy load? Can you hear signals in the receive mode?
> >
> > Randy Moore
> > AI4CO
> >
> >
> > pa9kb wrote:
> >
> > > Hallo,
> > > I am repairing a FT-897D.
> > > I am measuring about 600 Ohm DC resistance at the HF antenna
> connector.

> > > Is this normal? If I study the schema, I would expect a much
> higher DC
> > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about
> 2,7k/3,2k
> > > Ohm (Depending on how I connect the + and - of the ohmmeter).
> > >
> > > Can somebody of you do the same measurement (please do the
> measurement
> > > twice, with + and - of ohmmeter normal and reversed) and provide
> me
> > > with the result? Just connect a ohmmeter (multimeter) to your HF
> > > antenna connector and measure the resistance.
> > >
> > > 73,
> > > Klaas - PA9KB
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> > >
> > > SPONSORED LINKS
> > > Craft hobby
> > > <http://groups.yahoo.com/gads?
> t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad
> io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>
> > > Hobby and craft supply
> > > <http://groups.yahoo.com/gads?
> t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply
> &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>
> > > Ham radio
> > > <http://groups.yahoo.com/gads?
> t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio
> &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>
> > >
> > > Ft-897
> > > <http://groups.yahoo.com/gads?t=ms&k=Ft-
> 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-
> 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>
> > >
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> > > ---
> ------
> > > YAHOO! GROUPS LINKS
> > >
> > > * Visit your group "FT897
> <http://groups.yahoo.com/group/FT897>"

> > > on the web.
> > >
> > > * To unsubscribe from this group, send an email to:
> > > FT897-unsubscribe@yahoogroups.com
> > > <mailto:FT897-unsubscribe@yahoogroups.com?
> subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > > Service <http://docs.yahoo.com/info/terms/>.
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> > >
> > > ---
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> -----
> > >
> > >No virus found in this incoming message.
> > >Checked by AVG Free Edition.
> > >Version: 7.1.371 / Virus Database: 267.14.10/218 - Release Date:
> 1/2/2006
> > >
> > >
> >
>

31777. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 08:19:41 UTC
From: Jerry Lefever
Topic: 13232 Message: 31777

Hi
I don't have my FT897D with me, but I have my FT857D and they are supposed
to be more or less the same electrically:

Hf Connector: 3.26K

VHF/UHF connector: 47.3K

Regards

On Fri, Nov 19, 2010 at 12:11 AM, scotchmandr <scotchmandr@...> wrote:

>
>
> In tracing down my SWR problem I came across the below post post.
>
> My own measurements are as follows.
>
> I get 3.3KOhms checking both ways on the HF connector
> and
> I get 46.4KOhms checking both ways on the VHF connector
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> Is this what they should be? Or am I heading in the right direction?
>
> Phillip
> N8AYE
>
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> > Thanks for your measurement!
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> > Thanks,
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> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore
> <randymoore@n...> wrote:

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> > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
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> > > protection circuit may be blown. Do you get a high swr when keyed
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> > >
> > > > Hallo,
> > > > I am repairing a FT-897D.
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> > > > Is this normal? If I study the schema, I would expect a much
> > higher DC
> > > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about
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> > > > antenna connector and measure the resistance.
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> > > > 73,
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> > > > SPONSORED LINKS
> > > > Craft hobby
> > > > <http://groups.yahoo.com/gads?
> > t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad
> > io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>
> > > > Hobby and craft supply
> > > > <http://groups.yahoo.com/gads?
> > t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply
> > &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>
> > > > Ham radio

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> > t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio
> > &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>
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> > > > > Ft-897
> > > > > <http://groups.yahoo.com/gads?t=ms&k=Ft-
> > 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-
> > 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>
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> > > > > YAHOO! GROUPS LINKS
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> > > > > * Visit your group "FT897
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> > > > > * To unsubscribe from this group, send an email to:
> > > > > FT897-unsubscribe@yahoogroups.com<FT897-unsubscribe%40yahoogroups.com>
> > > > > <mailto:FT897-unsubscribe@yahoogroups.com<FT897-unsubscribe%40yahoogroups.com>
> ?
> > subject=Unsubscribe>
> > > > >
> > > > > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > > > > Service <http://docs.yahoo.com/info/terms/>.
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31778. Re: [FT897] Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-18 17:04:06 UTC
From: dave Ortiz
Topic: 31750 Message: 31778

go to this website and check out this amazing ant. it can be used as a mobile, backpack, or base ant.
http://chameleonantenna.com/

--- On Thu, 11/18/10, ROBERT FAREY <robert.farey@...> wrote:

From: ROBERT FAREY <robert.farey@...>
Subject: Re: [FT897] Re: FT987D on the go
To: FT897@yahoogroups.com
Date: Thursday, November 18, 2010, 1:53 AM

Hi David

At last a post bt some one who knows what to do as some of the ideas about antennas i have seen here are so obviously just rubbish. Regards Robert G6LLP

--- On Wed, 17/11/10, Chandranet <bicparker@...> wrote:

From: Chandranet <bicparker@...>

Subject: [FT897] Re: FT987D on the go

To: FT897@yahoogroups.com

Date: Wednesday, 17 November, 2010, 16:07

As a practical matter, I would recommend using an LDG tuner if you are going to be using more than one antenna (and feedlines) over multiple frequencies. I use my FT897D as a portable field rig quite a bit with 3 different antennae and feedlines (ATAS-25, G5RV, Alpha Delta DX-CC). While it tunes up with few changes on resonant frequencies (this is especially noticeable on the DX-CC with the 40 and 20 meter bands), I have had several occasions where the LDG made the difference between getting out a signal or just watching my SWR bounce way up.

The LDG fits nicely against the 897 case and really hasn't added a severe travel penalty. Plus, it is very battery friendly (which is something you might consider going portable).

I haven't tried the ATAS-120, but the most consistent advice for that antenna that I hear is to make certain that you have a good ground as described in its book o' rules.

Hope you have fun on your adventure!

73 and Best regards,

David

KF5IIL

--- In FT897@yahoogroups.com, "William (Bill)" <pa3guw@...> wrote:

>

> Hi all, I have some questions.

> First I'm going to buy a FT897D for Xmas. We (my wife Mada, PA3GUX and I, PA3GUW) have planned a DX-pedition in 2012 for Uganda 5X1 while visiting a UCCF (Uganda Child Care Foundation) project.

>

> The FT897D, a Buddipole and a netbook for Digimode and logging will be the equipment.

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> As the Buddipole is used as a " tuned" antenna using an antenna analyzer a FC30 or LDG tuner does not seem to be necesarry but please tell me if I'm wrong.

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> Transportation there would be a 4x4 (Landrover 110 or Toyota Landcruser) and for /M I would use the ATAS120 antenna, anyone having experience with this antenna on these type of car's (the Landrover is from Aluminium ... eg.) or should I take an Outbacker to the South part of Uganda.

>

> Anyone have been there, experience with getting a temporary license (1 month)?

>

> Thanks for reading and any suggestions are welcome!

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> 73' de William - PA3GUW

> http://www.pa3guw.web-log.nl

> Twitter: LIAM65KEN

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31779. CF1005 FIX Question

Yahoo group: FT897 (2010)
Date: 2010-11-19 11:08:18 UTC
From: nikkarkav
Topic: 31779 Message: 31779

HAllo to avery one.
Can anybody tells me where i can buy this Filer.
Thanks a lot
SV3BSF

31780. Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:08:28 UTC
From: Steve Yates
Topic: 31750 Message: 31780

It looks like an RF choke on a stick.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, dave Ortiz <kj4acs@...> wrote:
>
>
> go to this website and check out this amazing ant. it can be used as a mobile, backpack, or base ant.
> http://chameleonantenna.com/

31781. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:42:05 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31781

Hi D C resistance has no bearing on the VSWR as anteenas are a combination of negative ac reactance and positve ac reactance the negative reactance is a capcitive component and positive reactance is a inductive component and never the twain shall meet, conbine with a resistance but in what proportions can only be measured using a signal generator which can show the reactance at a particular frequency.
the only other instrument is a network analyser or similar.
With RF nothing taken as a DC reading will make any sense what so ever.

with regards

RF G6LLP

--- On Fri, 19/11/10, Jerry Lefever <jerrylefever@...> wrote:

From: Jerry Lefever <jerrylefever@...>
Subject: Re: [FT897] Re: what resistance at HF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 8:19

Hi
I don't have my FT897D with me, but I have my FT857D and they are supposed
to be more or less the same electrically:

Hf Connector: 3.26K

VHF/UHF connector: 47.3K

Regards

On Fri, Nov 19, 2010 at 12:11 AM, scotchmandr <scotchmandr@...> wrote:

>
>
> In tracing down my SWR problem I came across the below post post.
>
> My own measurements are as follows.
>
> I get 3.3KOhms checking both ways on the HF connector
> and
> I get 46.4KOhms checking both ways on the VHF connector
>
> Is this what they should be? Or am I heading in the right direction?
>
> Phillip
> N8AYE
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pa9kb" <k.betten@...>

> wrote:
> >
> > Thanks for your measurement!
> > The protection circuit is OK. It could be somewhere in the circuit
> > that drives the automatic antenna tuner (the components I mentioned
> > already). I will check them.
> > I receives OK, I did not yet check SWR, but I think that is OK as
> > well, because for RF, there are coils in the ANT signal line to stop
> > the FR signal going to the circuit for driving the antenna tuner.
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> >
> > Thanks,
> > Klaas - PA9KB
> >
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore
> <randymoore@n...> wrote:
> > >
> > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
> > your
> > > protection circuit may be blown. Do you get a high swr when keyed
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> > > a dummy load? Can you hear signals in the receive mode?
> > >
> > > Randy Moore
> > > AI4CO
> > >
> > >
> > > pa9kb wrote:
> > >
> > > > Hallo,
> > > > I am repairing a FT-897D.
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> > > > Is this normal? If I study the schema, I would expect a much
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> > > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about
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> > > > Can somebody of you do the same measurement (please do the
> > measurement
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> > > > SPONSORED LINKS
> > > > Craft hobby
> > > > <http://groups.yahoo.com/gads?
> > t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad
> > io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>
> > > > Hobby and craft supply
> > > > <http://groups.yahoo.com/gads?
> > t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply
> > &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>
> > > > Ham radio
> > > > <http://groups.yahoo.com/gads?
> > t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio
> > &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>
> > > > >
> > > > Ft-897
> > > > <http://groups.yahoo.com/gads?t=ms&k=Ft-
> > 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-
> > 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>
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> > ------
> > > > YAHOO! GROUPS LINKS
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> > > > * Visit your group "FT897
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> > > > FT897-unsubscribe@yahoogroups.com<FT897-unsubscribe%40yahoogroups.com>
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> ?
> > subject=Unsubscribe>
> > > > >
> > > > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > > > Service <http://docs.yahoo.com/info/terms/>.
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

31782. Re: [FT897] What resistance at VHF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:45:19 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31782

Hi D C resistance has no bearing on the VSWR as anteenas are a
combination of negative ac reactance and positve ac reactance the
negative reactance is a capcitive component and positive reactance is a
inductive component and never the twain shall meet, conbine with a
resistance but in what proportions can only be measured using a signal
generator which can show the reactance at a particular frequency.
the only other instrument is a network analyser or similar.
With RF nothing taken as a DC reading will make any sense what so ever.
with regards

RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] What resistance at VHF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 0:12

In tracing down my SWR problem I came across the below post post.

My own measurements are as follows.

I get 3.3KOhms checking both ways on the HF connector

and

I get 46.4KOhms checking both ways on the VHF connector

Is this what they should be? Or am I heading in the right direction?

Phillip

N8AYE

--- In FT897@yahoogroups.com, "pa9kb" <k.betten@...> wrote:

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> > >

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> > > twice, with + and - of ohmmeter normal and reversed) and provide

> me

> > > with the result? Just connect a ohmmeter (multimeter) to your HF

> > > antenna connector and measure the resistance.

> > >

> > > 73,

> > > Klaas - PA9KB

> > >

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> > > SPONSORED LINKS

> > > Craft hobby

> > > <http://groups.yahoo.com/gads?

> t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad

> io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>

> > > Hobby and craft supply

> > > <http://groups.yahoo.com/gads?

> t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply

> &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>

> > > Ham radio

> > > <http://groups.yahoo.com/gads?

> t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio

> &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>

> > >

> > > Ft-897

> > > <http://groups.yahoo.com/gads?t=ms&k=Ft-

> 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-

> 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>

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> > > YAHOO! GROUPS LINKS

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> > >

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> > >Checked by AVG Free Edition.

> > >Version: 7.1.371 / Virus Database: 267.14.10/218 - Release Date:

> 1/2/2006

> > >

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[Non-text portions of this message have been removed]

31783. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:45:53 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31783

Hi D C resistance has no bearing on the VSWR as anteenas are a
combination of negative ac reactance and positve ac reactance the
negative reactance is a capcitive component and positive reactance is a
inductive component and never the twain shall meet, conbine with a
resistance but in what proportions can only be measured using a signal
generator which can show the reactance at a particular frequency.
the only other instrument is a network analyser or similar.
With RF nothing taken as a DC reading will make any sense what so ever.
with regards

RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Re: what resistance at HF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 0:11

In tracing down my SWR problem I came across the below post post.

My own measurements are as follows.

I get 3.3KOhms checking both ways on the HF connector

and

I get 46.4KOhms checking both ways on the VHF connector

Is this what they should be? Or am I heading in the right direction?

Phillip

N8AYE

--- In FT897@yahoogroups.com, "pa9kb" <k.betten@...> wrote:

>

> Thanks for your measurement!

> The protection circuit is OK. It could be somewhere in the circuit

> that drives the automatic antenna tuner (the components I mentioned

> already). I will check them.

> I receives OK, I did not yet check SWR, but I think that is OK as

> well, because for RF, there are coils in the ANT signal line to stop
> the FR signal going to the circuit for driving the antenna tuner.
> It might also be some other circuit between 13,8V signal and ground.
>
> Thanks,
> Klaas - PA9KB
>
>
> --- In FT897@yahoogroups.com, Randy Moore <randymoore@n...> wrote:
> >
> > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
> your
> > protection circuit may be blown. Do you get a high swr when keyed
> into
> > a dummy load? Can you hear signals in the receive mode?
> >
> > Randy Moore
> > AI4CO
> >
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> > pa9kb wrote:
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> > > Hallo,
> > > I am repairing a FT-897D.
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> connector.
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> higher DC
> > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about

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> > > Ohm (Depending on how I connect the + and - of the ohmmeter).

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> t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply

> &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>

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> > >

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> > >Version: 7.1.371 / Virus Database: 267.14.10/218 - Release Date:

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> > >

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[Non-text portions of this message have been removed]

31784. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:46:20 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31784

Hi D C resistance has no bearing on the VSWR as anteenas are a
combination of negative ac reactance and positve ac reactance the
negative reactance is a capcitive component and positive reactance is a
inductive component and never the twain shall meet, conbine with a
resistance but in what proportions can only be measured using a signal
generator which can show the reactance at a particular frequency.
the only other instrument is a network analyser or similar.
With RF nothing taken as a DC reading will make any sense what so ever.
with regards

RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Re: what resistance at HF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 0:11

In tracing down my SWR problem I came across the below post post.

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and

I get 46.4KOhms checking both ways on the VHF connector

Is this what they should be? Or am I heading in the right direction?

Phillip

N8AYE

--- In FT897@yahoogroups.com, "pa9kb" <k.betten@...> wrote:

>

> Thanks for your measurement!

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> that drives the automatic antenna tuner (the components I mentioned

> already). I will check them.

> I receives OK, I did not yet check SWR, but I think that is OK as

> well, because for RF, there are coils in the ANT signal line to stop
> the FR signal going to the circuit for driving the antenna tuner.
> It might also be some other circuit between 13,8V signal and ground.
>
> Thanks,
> Klaas - PA9KB
>
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> --- In FT897@yahoogroups.com, Randy Moore <randymoore@n...> wrote:
> >
> > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
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> > protection circuit may be blown. Do you get a high swr when keyed
> into
> > a dummy load? Can you hear signals in the receive mode?
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> > Randy Moore
> > AI4CO
> >
> >
> > pa9kb wrote:
> >
> > > Hallo,
> > > I am repairing a FT-897D.
> > > I am measuring about 600 Ohm DC resistance at the HF antenna
> connector.
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> > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about

> 2,7k/3,2k

> > > Ohm (Depending on how I connect the + and - of the ohmmeter).

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> > > twice, with + and - of ohmmeter normal and reversed) and provide

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> > > Klaas - PA9KB

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> > > Craft hobby

> > > <http://groups.yahoo.com/gads?

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> io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>

> > > Hobby and craft supply

> > > <http://groups.yahoo.com/gads?

> t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply

> &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>

> > > Ham radio

> > > <http://groups.yahoo.com/gads?

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> &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>

> > >

> > > Ft-897

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> 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>

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> > > YAHOO! GROUPS LINKS

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> > >

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> > >Checked by AVG Free Edition.

> > >Version: 7.1.371 / Virus Database: 267.14.10/218 - Release Date:

> 1/2/2006

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[Non-text portions of this message have been removed]

31785. Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 14:56:29 UTC
From: scotchmandr
Topic: 13232 Message: 31785

Basically this check was only to test if the physical circuit was (at least in this aspect) in keeping with the averages of other like radios. A blown resistor in the final circuit would have shown up with a very different DC reading, correct?

It was then suggested that I connect my MFJ259 to the VHF antenna port on the back and test it like a dummy load to see what I get in regards to impedance. That makes sense as an aditional next step, testing.

Phillip
N8AYE

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi D C resistance has no bearing on the VSWR as anteenas are a combination of negative ac reactance and positve ac reactance the negative reactance is a capcitive component and positive reactance is a inductive component and never the twain shall meet, conbine with a resistance but in what proportions can only be measured using a signal generator which can show the reactance at a particular frequency.
> the only other instrument is a network analyser or similar.
> With RF nothing taken as a DC reading will make any sense what so ever.
>   with
regards RF G6LLP
>
> --- On Fri, 19/11/10, Jerry Lefever <jerrylefever@...> wrote:
>
> From: Jerry Lefever <jerrylefever@...>
> Subject: Re: [FT897] Re: what resistance at HF antenna connector should I measure?
> To: FT897@...m
> Date: Friday, 19 November, 2010, 8:19
>
> Hi
> I don't have my FT897D with me, but I have my FT857D and they are supposed
> to be more or less the same electrically:
>
> Hf Connector: 3.26K
>
> VHF/UHF connector: 47.3K
>
> Regards
>
>
>
>
> On Fri, Nov 19, 2010 at 12:11 AM, scotchmandr <scotchmandr@...> wrote:
>
> >

> >
> > In tracing down my SWR problem I came across the below post post.
> >
> > My own measurements are as follows.
> >
> > I get 3.3KOhms checking both ways on the HF connector
> > and
> > I get 46.4KOhms checking both ways on the VHF connector
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> > Is this what they should be? Or am I heading in the right direction?
> >
> > Phillip
> > N8AYE
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pa9kb" <k.betten@>
> > wrote:
> > >
> > > Thanks for your measurement!
> > > The protection circuit is OK. It could be somewhere in the circuit
> > > that drives the automatic antenna tuner (the components I mentioned
> > > already). I will check them.
> > > I receives OK, I did not yet check SWR, but I think that is OK as
> > > well, because for RF, there are coils in the ANT signal line to stop
> > > the FR signal going to the circuit for driving the antenna tuner.
> > > It might also be some other circuit between 13,8V signal and ground.
> > >
> > > Thanks,
> > > Klaas - PA9KB
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore
> > <randymoore@n...> wrote:
> > > >
> > > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
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> > > > protection circuit may be blown. Do you get a high swr when keyed
> > > into
> > > > a dummy load? Can you hear signals in the receive mode?
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> > > > Randy Moore
> > > > AI4CO
> > > >
> > > >
> > > > pa9kb wrote:
> > > >
> > > > > Hallo,
> > > > > I am repairing a FT-897D.
> > > > > I am measuring about 600 Ohm DC resistance at the HF antenna
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> > > > > Is this normal? If I study the schema, I would expect a much

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> > > 2,7k/3,2k
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> > > > > Can somebody of you do the same measurement (please do the
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> > > > > SPONSORED LINKS
> > > > > Craft hobby
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> > > > >
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> > > > > >No virus found in this incoming message.
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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31786. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 15:03:22 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31786

Hi the problem with resistances with Rf cables they can be extremely mis leading having spent most of my working life testing RF radio cables, land lines and radios signalling systems.
 Dc resistance tests are generally only good to be honest for one thing dc siganlling systems. even that is very limited if it was a telegraph circuit as line signalling reversals did show up as distortion which gave an indication of water logged joints.
so one has little faith in dc measurements especially if it is to be used for RF signals.
Regards RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Re: what resistance at HF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 14:56

Basically this check was only to test if the physical circuit was (at least in this aspect) in keeping with the averages of other like radios. A blown resistor in the final circuit would have shown up with a very different DC reading, correct?

It was then suggested that I connect my MFJ259 to the VHF antenna port on the back and test it like a dummy load to see what I get in regards to impedance. That makes sense as an aditional next step, testing.

Phillip

N8AYE

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:

>

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> the only other instrument is a network analyser or similar.

> With RF nothing taken as a DC reading will make any sense what so ever.

> with regards RF G6LLP

>

> --- On Fri, 19/11/10, Jerry Lefever <jerrylefever@...> wrote:

>

> From: Jerry Lefever <jerrylefever@...>

> Subject: Re: [FT897] Re: what resistance at HF antenna connector should I measure?

> To: FT897@yahoogroups.com

> Date: Friday, 19 November, 2010, 8:19

>

> Hi

> I don't have my FT897D with me, but I have my FT857D and they are supposed

> to be more or less the same electrically:

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> Hf Connector: 3.26K

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> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pa9kb" <k.betten@>

> > wrote:

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> > >

> > > Thanks,

> > > Klaas - PA9KB

> > >

> > >

> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore

> > <randymoore@n...> wrote:

> > > >

> > > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like

> > > your

> > > > protection circuit may be blown. Do you get a high swr when keyed

> > > into

> > > > a dummy load? Can you hear signals in the receive mode?

> > > >

> > > > Randy Moore

> > > > AI4CO

> > > >

> > > >

> > > > pa9kb wrote:

> > > >

> > > > > Hallo,

> > > > > I am repairing a FT-897D.

> > > > > I am measuring about 600 Ohm DC resistance at the HF antenna

> > > connector.

> > > > > Is this normal? If I study the schema, I would expect a much

> > > higher DC

> > > > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about

> > > 2,7k/3,2k

> > > > > Ohm (Depending on how I connect the + and - of the ohmmeter).

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> > > > > with the result? Just connect a ohmmeter (multimeter) to your HF

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> > > > > 73,

> > > > > Klaas - PA9KB

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> > > > > <http://groups.yahoo.com/gads?

> > > t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad

> > > io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>

> > > > > Hobby and craft supply

> > > > > <http://groups.yahoo.com/gads?

> > > t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply

> > > &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>

> > > > > Ham radio

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> > > &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>

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> > > > > > Ft-897

> > > > > > <http://groups.yahoo.com/gads?t=ms&k=Ft-

> > > 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-

> > > 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>

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> > > 1/2/2006

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31788. Re: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 15:15:22 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31788

Hi Phillip
having commented on the subject of testing i have left out one item which is often not mentioned when testing cables it's called siemens it is a small component of a cable what actually is leakance this little known parameter causes just so much grief as it means you are loosing current be it small but it is present and our coaxial cable that we use do suffer from it when they get water in them.
it is a product of VSWR readings which unless you deal with RF and transmission systems in a professional field you would not encounter..it gives some problems which manafests itself in blown output stages.....Regards RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@yahoo.com>
Subject: [FT897] Re: what resistance at HF antenna connector should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 14:56

Basically this check was only to test if the physical circuit was (at least in this aspect) in keeping with the averages of other like radios. A blown resistor in the final circuit would have shown up with a very different DC reading, correct?

It was then suggested that I connect my MFJ259 to the VHF antenna port on the back and test it like a dummy load to see what I get in regards to impedance. That makes sense as an aditional next step, testing.

Phillip

N8AYE

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:

>

> Hi D C resistance has no bearing on the VSWR as anteenas are a combination of negative ac reactance and positve ac reactance the negative reactance is a capcitive component and positive reactance is a inductive component and never the twain shall meet, conbine with a resistance but in what proportions can only be measured using a signal generator which can show the reactance at a particular frequency.

> the only other instrument is a network analyser or similar.

> With RF nothing taken as a DC reading will make any sense what so ever.

>   with regards RF G6LLP

>

> --- On Fri, 19/11/10, Jerry Lefever <jerrylefever@...> wrote:

>

> From: Jerry Lefever <jerrylefever@...>

> Subject: Re: [FT897] Re: what resistance at HF antenna connector should I measure?

> To: FT897@yahoogroups.com

> Date: Friday, 19 November, 2010, 8:19

>

> Hi

> I don't have my FT897D with me, but I have my FT857D and they are supposed

> to be more or less the same electrically:

>

> Hf Connector: 3.26K

>

> VHF/UHF connector: 47.3K

>

> Regards

>

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>

> On Fri, Nov 19, 2010 at 12:11 AM, scotchmandr <scotchmandr@...> wrote:

>

> > >

> > >

> > > In tracing down my SWR problem I came across the below post post.

> > >

> > > My own measurements are as follows.

> > >

> > > I get 3.3KOhms checking both ways on the HF connector

> > and

> > I get 46.4KOhms checking both ways on the VHF connector

> >

> > Is this what they should be? Or am I heading in the right direction?

> >

> > Phillip

> > N8AYE

> >

> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "pa9kb" <k.betten@>

> > wrote:

> > >

> > > Thanks for your measurement!

> > > The protection circuit is OK. It could be somewhere in the circuit

> > > that drives the automatic antenna tuner (the components I mentioned

> > > already). I will check them.

> > > I receives OK, I did not yet check SWR, but I think that is OK as

> > > well, because for RF, there are coils in the ANT signal line to stop

> > > the FR signal going to the circuit for driving the antenna tuner.

> > > It might also be some other circuit between 13,8V signal and ground.

> > >

> > > Thanks,

> > > Klaas - PA9KB

> > >

> > >

> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore

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> > > > > Ohm (Depending on how I connect the + and - of the ohmmeter).

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31789. Re: [FT897] Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 15:25:17 UTC
From: ROBERT FAREY
Topic: 13232 Message: 31789

Hi phillip
the MFJ analyser really will tell you nothing about the transciever by connecting to it.
even on it's lowest output i have found it puts out a mininmum of 7 watts which will over load the MFJ which has a maximum limit of 5 watts.
so i would prefer not to do this, and for what purpose.
the radio connected to an vswr bridge and then to a Large dummy load should be the best way to test the output.
in the first incident a metre of cable or less between each will show the best results.

that would be a bench test before connecting it to the long run out to athe base of a mast where the antenna is mounted to check out the cable using the radio to find out the loss of the coaxial cable to that point. this would require teh help of a friend.
if even just to key the mike on a Fm signal. Regards RF G6LLP

--- On Fri, 19/11/10, scotchmandr <scotchmandr@...> wrote:

From: scotchmandr <scotchmandr@...>
Subject: [FT897] Testing Impedance at VHF antenna connector. Should I measure?
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 15:12

OK I will ask again,

It was then suggested that I connect my MFJ259 to the VHF antenna port on the back and test it like a dummy load to see what I get in regards to impedance. That makes sense as an additional next step, testing.

Phillip

N8AYE

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:

>

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> > the only other instrument is a network analyser or similar.

> > With RF nothing taken as a DC reading will make any sense what so ever.

> >   with regards RF G6LLP

> >

> > --- On Fri, 19/11/10, Jerry Lefever <jerrylefever@> wrote:

> >

> > From: Jerry Lefever <jerrylefever@>

> > Subject: Re: [FT897] Re: what resistance at HF antenna connector should I measure?

> > To: FT897@yahoogroups.com

> > Date: Friday, 19 November, 2010, 8:19

> >

> > Hi

> > I don't have my FT897D with me, but I have my FT857D and they are supposed

> > to be more or less the same electrically:

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> > Hf Connector: 3.26K

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> > VHF/UHF connector: 47.3K

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> > Regards

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> > > > It might also be some other circuit between 13,8V signal and ground.

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> > > > Klaas - PA9KB

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> > > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Randy Moore

> > > <randymoore@n...> wrote:

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> > > > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like

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31791. Re: [FT897] Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-19 15:40:50 UTC
From: JP Douglas
Topic: 31750 Message: 31791

That's the one we use; we've only used it on HF w/the 9:1 balun, great DX and Portable results.
I have pix of it on QRZ.com under my call sign.

73 de Jose KB1-TCD

From: Steve Yates <aa5tb@...>
To: FT897@yahoogroups.com
Sent: Fri, November 19, 2010 9:08:28 AM
Subject: [FT897] Re: FT987D on the go

It looks like an RF choke on a stick.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, dave Ortiz <kj4acs@...> wrote:
>
>
> go to this website and check out this amazing ant. it can be used as a mobile,
>backpack, or base ant.
> http://chameleonantenna.com/

[Non-text portions of this message have been removed]

31792. Re: [FT897] Re: FT987D on the go

Yahoo group: FT897 (2010)
Date: 2010-11-19 15:48:58 UTC
From: Chris Baker
Topic: 31750 Message: 31792

You could of course get/make a 9:1 unun and a 7m length of wire & 10m counterpoise for similar /p version.

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

--- On Fri, 19/11/10, JP Douglas <josedouglas@...> wrote:

From: JP Douglas <josedouglas@...>
Subject: Re: [FT897] Re: FT987D on the go
To: FT897@yahoogroups.com
Date: Friday, 19 November, 2010, 15:40

That's the one we use; we've only used it on HF w/the 9:1 balun, great DX and

Portable results.

I have pix of it on QRZ.com under my call sign.

73 de Jose KB1-TCD

From: Steve Yates <aa5tb@...>

To: FT897@yahoogroups.com

Sent: Fri, November 19, 2010 9:08:28 AM

Subject: [FT897] Re: FT987D on the go

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Steve - AA5TB

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> http://chameleonantenna.com/

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31793. Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 16:00:21 UTC
From: g8hul
Topic: 13232 Message: 31793

> having commented on the subject of testing i have left out one item which is often not mentioned when testing cables it's called siemens it is a small component of a cable what actually is leakance this little known parameter causes just so much grief as it means you are loosing current be it small but it is present and our coaxial cable that we use do suffer from it when they get water in them.
> it is a product of VSWR readings which unless you deal with RF and transmission systems in a professional field you would not encounter..it gives some problems which manafests itself in blown output stages.....Regards RF G6LLP

I am sorry but that makes no sense whatsoever!!!

The Siemens is a UNIT of addmittance or conductance, and is merely 1/resistance or 1/impedance. It is the same as a Mho in old parlance, or 1/ohms. It is nothing to do with the product of VSWR readings. It only exists as a mathematical nicety, as it makes some calculations easier.

As far as connecting the analyser to the radio, I don't think that this will show anything, particulatly if off or in Rx, because of the switching paths involved.

The best way ahead has been suggested by several people, get an external VSWR meter and isolate where the problem actually lies. Even if it is a fault in the radio it is unlikely that it is a fault in the connector, more likely in the software set up or the reverse power detector. However,the fact that things are ok when you connect directly to the dummy load suggests that is it a problem external to the radio.

73
Jeff

31794. RE: [FT897] Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 16:10:21 UTC
From: Cliff Bryant
Topic: 13232 Message: 31794

Hi Phillip

The test you are proposing won't help at all. At the very best you'll only be testing the receiver match to 50R and that won't give you any indication whatsoever as to the state of health of the transmitter.

Assuming the receiver is working normally then the physical connector and rx switching path can be assumed to be working, if not then look at that part first.
To debug the transmitter path you need to terminate the radio in a dummy load with a power meter in circuit and trace through the transmitter circuit. Do this on low power to start with. You can use a scope and/or a multimeter to do this. At some point the transmitted signal will either fail to be amplified or will disappear completely. You can then examine the relevant stage. It maybe that the TX/RX switching circuit is faulty. The usual method to sorting out this kind of issue is to be able to connect a suitable load between the stages as necessary to check that power is being developed (disconnect the following stage first of course). Having identified the failing stage remove it if necessary and test. Check and test all the associated components.
Quite often it becomes obvious as you debug where the fault lies, a burnt resistor or choke for instance, sometimes a capacitor will go short circuit.

If you've not done any fault finding before then you need to enlist the help of a competent local before you wade in. Bear in mind also that these modern radios are full of surface mount parts so the earlier stages will be difficult to see/work on. That having been said it's highly likely that the fault will be in the later, conventional component, stages.
I've had the FT897 apart a few times to carry out modifications and it's relatively straightforward to get at.

Good luck and a steady hand.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of scotchmandr
Sent: 19 November 2010 15:41
To: FT897@yahoogroups.com
Subject: [FT897] Re: Testing Impedance at VHF antenna connector. Should I measure?

Thank you robert;

but oh no no no thats not what I meant.

Radio OFF. Then connect the 259 to the 897 VHF Antenna port.

897 Radio OFF! turn on the 259 and check the impendance of the last network from the radio by testing the radio as a dummy load itself.

The idea being, that the Radio should show up as a 50 ohm load itself. If not, something is wrong with that final circuit.

That is what was suggested to me.

The only thing Transmitting here would be the MFJ259 with the 897 OFF and Unplugged.

I am not trying anything until I check with more experienced users on this group. But I have noticed some misunderstandings like the guy who thought I stuck my mag mounted mobile whip on the back of the radio.

Does the above make sense? I really want to check everything I can before shipping it off. May it is something simple to fix. And so far my local club all claim ignorance or just ignore!

I need an elmer here.... thank you for your patience

Phillip
N8AYE

<snip>

[Non-text portions of this message have been removed]

31795. RE: [FT897] Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 16:13:14 UTC
From: Richard Drevo
Topic: 13232 Message: 31795

Phillip,

I wouls srongly suggest that you do NOT connect the MFJ-269 to the VHF port on the back of your FT-897. You very well might damage the MFJ-269 in doing so.

73es,
Dick, W3GNQ

_____

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of scotchmandr
Sent: Friday, November 19, 2010 9:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: what resistance at HF antenna connector should I measure?

Basically this check was only to test if the physical circuit was (at least in this aspect) in keeping with the averages of other like radios. A blown resistor in the final circuit would have shown up with a very different DC reading, correct?

It was then suggested that I connect my MFJ259 to the VHF antenna port on the back and test it like a dummy load to see what I get in regards to impedance. That makes sense as an aditional next step, testing.

Phillip
N8AYE

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , ROBERT FAREY <robert.farey@...> wrote:
>
> Hi D C resistance has no bearing on the VSWR as anteenas are a combination of negative ac reactance and positve ac reactance the negative reactance is a capcitive component and positive reactance is a inductive component and never the twain shall meet, conbine with a resistance but in what proportions can only be measured using a signal generator which can show the reactance at a particular frequency.
> the only other instrument is a network analyser or similar.
> With RF nothing taken as a DC reading will make any sense what so ever.
>
with regards RF G6LLP
>
> --- On Fri, 19/11/10, Jerry Lefever <jerrylefever@...> wrote:

>
> From: Jerry Lefever <jerrylefever@...>
> Subject: Re: [FT897] Re: what resistance at HF antenna connector should I
measure?
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Friday, 19 November, 2010, 8:19
>
> Hi
> I don't have my FT897D with me, but I have my FT857D and they are supposed
> to be more or less the same electrically:
>
> Hf Connector: 3.26K
>
> VHF/UHF connector: 47.3K
>
> Regards
>
>
>
>
> On Fri, Nov 19, 2010 at 12:11 AM, scotchmandr <scotchmandr@...> wrote:
>
> >
> >
> > In tracing down my SWR problem I came across the below post post.
> >
> > My own measurements are as follows.
> >
> > I get 3.3KOhms checking both ways on the HF connector
> > and
> > I get 46.4KOhms checking both ways on the VHF connector
> >
> > Is this what they should be? Or am I heading in the right direction?
> >
> > Phillip
> > N8AYE
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<FT897%40yahoogroups.com>, "pa9kb" <k.betten@>
> > wrote:
> > >
> > > Thanks for your measurement!
> > > The protection circuit is OK. It could be somewhere in the circuit
> > > that drives the automatic antenna tuner (the components I mentioned
> > > already). I will check them.
> > > I receives OK, I did not yet check SWR, but I think that is OK as
> > > well, because for RF, there are coils in the ANT signal line to stop
> > > the FR signal going to the circuit for driving the antenna tuner.
> > > It might also be some other circuit between 13,8V signal and ground.
> > >

> > > Thanks,
> > > Klaas - PA9KB
> > >
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<FT897%40yahoogroups.com>, Randy Moore
> > <randymoore@n...> wrote:
> > > >
> > > > Measured on my FT-897, 3.2 K ohms, in both directions. Sounds like
> > > your
> > > > protection circuit may be blown. Do you get a high swr when keyed
> > > into
> > > > a dummy load? Can you hear signals in the receive mode?
> > > >
> > > > Randy Moore
> > > > AI4CO
> > > >
> > > >
> > > > pa9kb wrote:
> > > >
> > > > > Hallo,
> > > > > I am repairing a FT-897D.
> > > > > I am measuring about 600 Ohm DC resistance at the HF antenna
> > > connector.
> > > > > Is this normal? If I study the schema, I would expect a much
> > > higher DC
> > > > > resistance (R3108, R3020, Q3003, R3025, R3026, Q3006), about
> > > 2,7k/3,2k
> > > > > Ohm (Depending on how I connect the + and - of the ohmmeter).
> > > > >
> > > > > Can somebody of you do the same measurement (please do the
> > > measurement
> > > > > twice, with + and - of ohmmeter normal and reversed) and provide
> > > me
> > > > > with the result? Just connect a ohmmeter (multimeter) to your HF
> > > > > antenna connector and measure the resistance.
> > > > >
> > > > > 73,
> > > > > Klaas - PA9KB
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > SPONSORED LINKS
> > > > > Craft hobby
> > > > > <http://groups.yahoo.com/gads?

> > > t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+rad
> > > io&w4=Ft-897&c=4&s=72&.sig=MfyknlGDApUdxHoEYLCviA>
> > > > > Hobby and craft supply
> > > > > <http://groups.yahoo.com/gads?
> > > t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply
> > > &w3=Ham+radio&w4=Ft-897&c=4&s=72&.sig=TcfImLVkqLmkpd2RDSzr0w>
> > > > > Ham radio
> > > > > <http://groups.yahoo.com/gads?
> > > t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio
> > > &w4=Ft-897&c=4&s=72&.sig=iAuPtWiWFxIweNDdxmxnJw>
> > > > >
> > > > > Ft-897
> > > > > <http://groups.yahoo.com/gads?t=ms
<http://groups.yahoo.com/gads?t=ms&k=Ft-> &k=Ft-
> > > 897&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&w4=Ft-
> > > 897&c=4&s=72&.sig=_UyHjknxCCcDtl1IN-0CvA>
> > > > >
> > > > > >
> > > > > >
> > > > > > ---
> > > ------
> > > > > YAHOO! GROUPS LINKS
> > > > > >
> > > > > > * Visit your group "FT897
> > > <http://groups.yahoo.com/group/FT897>"
> > > > > on the web.
> > > > > >
> > > > > > * To unsubscribe from this group, send an email to:
> > > > > FT897-unsubscribe@yahoogroups.com
<mailto:FT897-unsubscribe%40yahoogroups.com>
<FT897-unsubscribe%40yahoogroups.com>
> > > > > <mailto:FT897-unsubscribe@yahoogroups.com
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> > > > > > >
> > > > > > ---
> > > ------
> > > > > >
> > > > > >--
> > > -----
> > > > > >
> > > > > >No virus found in this incoming message.
> > > > > >Checked by AVG Free Edition.
> > > > > >Version: 7.1.371 / Virus Database: 267.14.10/218 - Release Date:

> > > 1/2/2006
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31796. Re: [FT897] Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 17:40:15 UTC
From: Charles Scott
Topic: 13232 Message: 31796

Phillip:

I agree with the others that connecting the 259 to the radio to see what the radio looks like to it is not going to get you anywhere, particularly with the radio off (for the reasons another person stated). The only way to know what's going on is to take an analytical approach to the problem. Unfortunately, I heard so much back and forth on this with people getting off track that I can't figure out what the real problem is anymore. It might help to tell us once again exactly what it is that you're trying to fix or determine.

If it was that you're seeing different SWR readings with one configuration or another. In general this comes from a small set of possible problems but the place to start is with a dummy load. If you see 1:1 into the dummy load and apparently inconsistent readings into other things, then there's only a small set of possible problems with your radio and beyond that the problem is outside the radio.

* The radio is generating spurious output on other than the dial frequencies for which the dummy load is a good load, but you're antennas are not.

* The reflected power sense in the radio is not properly calibrated or defective to cause it to read reflected power as being higher (or lower) than it's supposed to be. If this is the case you will see low SWR into a dummy load but other loads/antennas that are not 1:1 will show weird results. You can test this using known resistive loads to create a 2:1 or other known SWR and see if the radio is reading correctly.

I'm not sure there's much else that could be wrong with the radio in this case, unless there's some other problem that's bothering you. If you suspect the radio is problematic, the best thing is to find someone with some test equipment who can properly evaluate the radio before sending it in for repair.

Beyond this I'm not going to speculate without getting a better handle on exactly what you're seeing that's concerning you.

Chuck - N8DNX

On 11/19/2010 10:40 AM, scotchmandr wrote:
> Thank you robert;
>
> but oh no no no thats not what I meant.
>

> Radio OFF. Then connect the 259 to the 897 VHF Antenna port.
>
> 897 Radio OFF! turn on the 259 and check the impendance of the last network from the radio by testing the radio as a dummy load itself.
>
> The idea being, that the Radio should show up as a 50 ohm load itself. If not, something is wrong with that final circuit.
>
> That is what was suggested to me.
>
> The only thing Transmitting here would be the MFJ259 with the 897 OFF and Unplugged.
>
> I am not trying anything until I check with more experienced users on this group. But I have noticed some misunderstandings like the guy who thought I stuck my mag mounted mobile whip on the back of the radio.
>
> Does the above make sense? I really want to check everything I can before shipping it off. May it is something simple to fix. And so far my local club all claim ignorance or just ignore!
>
> I need an elmer here.... thank you for your patience
>
> Phillip
> N8AYE

31797. Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 18:20:27 UTC
From: scotchmandr
Topic: 13232 Message: 31797

OK. My Current Setup involves an FT-817. I used 3 types of antennas. And let us not get sidetracked again because some people dont like my setup, I dont have a big enough property.

so, My 817 has the best Rubber duck I have , on the front BNC. I have a 90 degree angle UHF adapter and a UHF to BNC adapter on the back. to this I occassionally attach 3 foot of coax and a different HT whip that is about 16 1/2 inches. I use these two setups for VHF or UHF work and the 817 never complains more than about 1 bar on the meter (yes I know it is not accurate but that is a PRETTY GOOD MATCH.

HF on the 817 with either a miracle Whip or Buddy Stick is also not a problem...

Finally, I can take my 817 and swap it into the mag mount antenna on my Van that I use with an FT-1900. Again, the 817 gives maybe 1 bar on both UHF and VHF.

The MFJ259 tells me I have 1.2-1.5 on the Mobile setup depending upon band and is never worse.

So, my 817 and 1900 are "Happy".

HOWEVER, If I swap the 897 with the same angle bracket and BNC and coax etc. ALL attempts to use the 897 with ANY of the setups which work with the 817. ALL of them give me significantly higher SWR.

The Mobile setup on my Van goes from 1.2 SWR with the 817 to a 1.8 SWR for the 897.

BTW the 897 is turned down to 5 Watts both to even the comparison and for safety until this is resolved.

If I take the same rubber duck which gives a 1.5 on the 817, I get 2.5 on VHF with the 897.

These readings on the 897 are all VHF.

If I switch to VHF is is worse. The mobile setup and almost every other setup on the 897 is 1.8 SWR for VHF and minimum 2.5 SWR for UHF.

My 817 is very good with most close matches. Obviously I have a few antennas that are truly bad and the 817 will never use them. They have long since become "Classroom pointer sticks" for Maps and stuff.

but any antenna that works with the 817, I expent to at least be less than 2:1 SWR on the 897. I do not expect tthat same antenna to jump to >5.

I am having a bugger of a time getting anything that works for VHF or UHF on the 817 (I have two of them to test), to work as well on the 897.

EVERYTHING is worse on the 897. On VHF everything is about 0.5: SWR worse than it might be on the 817. And UHF is about 2.0 or more SWR worse.

YES, changing between connectors helps but never as good as I see on either 817.

I suspect something wrong on the 897.

I want to narrow down what it could be.

and I want to find out if I can fix it here or must pay and send it off. and since the Water bill arrived today, I now have more incentive to figure it out here ;-)!

Does that help, Chuck?

I will take your advice and keep asking around on the repeater for someone around who can help.

Phillip
N8AYE

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Phillip:
>
> I agree with the others that connecting the 259 to the radio to see what
> the radio looks like to it is not going to get you anywhere,
> particularly with the radio off (for the reasons another person stated).
> The only way to know what's going on is to take an analytical approach
> to the problem. Unfortunately, I heard so much back and forth on this
> with people getting off track that I can't figure out what the real
> problem is anymore. It might help to tell us once again exactly what it
> is that you're trying to fix or determine.
>
> If it was that you're seeing different SWR readings with one
> configuration or another. In general this comes from a small set of
> possible problems but the place to start is with a dummy load. If you
> see 1:1 into the dummy load and apparently inconsistent readings into
> other things, then there's only a small set of possible problems with
> your radio and beyond that the problem is outside the radio.
>
> * The radio is generating spurious output on other than the dial
> frequencies for which the dummy load is a good load, but you're antennas
> are not.
>
> * The reflected power sense in the radio is not properly calibrated or
> defective to cause it to read reflected power as being higher (or lower)
> than it's supposed to be. If this is the case you will see low SWR into
> a dummy load but other loads/antennas that are not 1:1 will show weird
> results. You can test this using known resistive loads to create a 2:1
> or other known SWR and see if the radio is reading correctly.
>
> I'm not sure there's much else that could be wrong with the radio in
> this case, unless there's some other problem that's bothering you. If
> you suspect the radio is problematic, the best thing is to find someone
> with some test equipment who can properly evaluate the radio before
> sending it in for repair.

>
> Beyond this I'm not going to speculate without getting a better handle
> on exactly what you're seeing that's concerning you.
>
> Chuck - N8DNX
>
>
>
> On 11/19/2010 10:40 AM, scotchmandr wrote:
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> >
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> > 897 Radio OFF! turn on the 259 and check the impendance of the last network from the radio by testing the radio as a dummy load itself.
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> > Does the above make sense? I really want to check everything I can before shipping it off. May it is something simple to fix. And so far my local club all claim ignorance or just ignore!
> >
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> >
> > Phillip
> > N8AYE
>

31798. Re: [FT897] Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-19 20:08:50 UTC
From: Charles Scott
Topic: 13232 Message: 31798

Phillip:

Yes, this helps. From what you describe, it appears that the FT-897 is operating properly except that the calibration of the reflected power / SWR readings are off, or at least different from the readings the 817 is giving you. Normally when these readings are off, they will be proportionately incorrect, which seems to be what you describe.

As I had mentioned, there's a way to tell if it's calibrated correctly that involves connecting different resistive loads to the antenna connector then seeing what the radio reports for SWR. The 897 SWR reading is calibrated by first putting a 100 Ohm load on it and telling the radio to set the correction for a 2:1 SWR, which it does automatically. Then a 150 Ohm load is attached and the radio corrects that to read 3:1. While you may not have these loads available, a 25 Ohm load should also show approximately 2:1 SWR and you can get that by attaching two 50 Ohm dummy loads together with a T connector then attaching that to the radio, assuming you have those.

Doing the above would be the only way to verify that you're 897 is or is not reading SWR correctly. I suppose it's possible, although from what you describe unlikely, that your other radios are all reading low. I don't recommend messing with the 897 setup values until you verify that. If you do verify that the 897 is wrong, you can either find someone local who has the necessary equipment to recalibrate it or send it in for repair.

A few last things to note. A small antenna such as a rubber duck antenna (or even a mag-mount antenna) attached directly to a radio will give different results based on the size of the radio, what's connected to it, and the things around it. The reason for this is that the antenna tuning is affected by the "counterpoise", which in the case of a rubber duck is the radio itself. (If the antenna is outside or better isolated from the radio, the readings should be the same.) Since things like rubber ducks won't be the same with an outboard SWR meter connected or the same as an antenna analyzer might show, the only way to know what the SWR is for a particular radio and frequency with a particular configuration of power supply, microphone, people etc, is to read the SWR off the radio. Of course if that's not accurate, you're not getting the right information.

Everything else should also be suspect whenever you have anomalous SWR readings. In particular, all connectors, adapters, cables, and such can at times be OK connected to one thing and not to something else. That can happen for a many reasons starting with different tension on

connectors and cables bending other ways. Even the antennas should be suspect as they can behave differently at different power levels if things aren't right. In your case with a variety of antennas, that doesn't seem to the the problem, but connectors may. Since your SWR is generally off by a proportional amount, it seems like it's only a calibration issue. If, however, things don't always look proportionally different between the radios, question everything else. For example, we've seen really bad connectors and adapters from some sources. One of the worst was a 90 deg coax adapter that had a spring in it for the center conductor!

Since you're in Oak Park, MI there should be a good number of Hams around with adequate test equipment to help you evaluate if the 897 SWR reading is in fact out of calibration and perhaps someone who can help recalibrate it. If you're going to be up in Petoskey some time soon I'd be glad to test if for you.

Chuck - N8DNX

On 11/19/2010 1:20 PM, scotchmandr wrote:
> OK. My Current Setup involves an FT-817. I used 3 types of antennas. And let us not get sidetracked again because some people dont like my setup, I dont have a big enough property.
>
> so, My 817 has the best Rubber duck I have , on the front BNC. I have a 90 degree angle UHF adapter and a UHF to BNC adapter on the back. to this I occassionally attach 3 foot of coax and a different HT whip that is about 16 1/2 inches. I use these two setups for VHF or UHF work and the 817 never complains more than about 1 bar on the meter (yes I know it is not accurate but that is a PRETTY GOOD MATCH.
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> The MFJ259 tells me I have 1.2-1.5 on the Mobile setup depending upon band and is never worse.
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>
> HOWEVER, If I swap the 897 with the same angle bracket and BNC and coax etc. ALL attempts to use the 897 with ANY of the setups which work with the 817. ALL of them give me significantly higher SWR.
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>
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>
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>
>
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> I suspect something wrong on the 897.
>
> I want to narrow down what it could be.
>
> and I want to find out if I can fix it here or must pay and send it off. and since the Water bill arrived today, I now have more incentive to figure it out here ;-)!
>
> Does that help, Chuck?
>
> I will take your advice and keep asking around on the repeater for someone around who can help.
>
> Phillip
> N8AYE
>
>

31799. Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-20 08:43:11 UTC
From: g8hul
Topic: 13232 Message: 31799

Philip

Have you considered that it may be your 817 that is faulty, and is giving optimistically good VSWR readings, and the 987 it perfectly OK??

The internal VSWR readings are very inaccuarte on both radios, so you MUST get an accurate external meter and find ot what is actually going on.
73
Jeff

31800. Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-20 17:47:54 UTC
From: scotchmandr
Topic: 13232 Message: 31800

My 817 just came back from ham repair (Non-D model with the well known finals problem) and it is operating properly. I also have an 817ND model which gives the same consistant readings for my QRP usages. But the 817 was designed for qrp use into whips and other qrp compromises, the 897 was NOT.

What IS the problem (as you all have shown me) is that the 897 simply does not like compromised antennas, Dummy Load tests were all good but my antennas and coax are all the cheap kind. I just priced "amphenol" (sp?) connectors, not my budget today! And I dont own a big enough lot to even fit a 6m dipole, only a 1k sq ft house. This is an old neighborhood with very small lots and whip I operate QRP and whips.

So the 897 turns out to be overkill as a 5w radio. I may consider selling it for the $600 I paid for it + Shipping. Let someone else put it to use with a proper antenna.

Phillip
N8AYE

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
>
> Philip
>
> Have you considered that it may be your 817 that is faulty, and is giving optimistically good VSWR readings, and the 987 it perfectly OK??
>
> The internal VSWR readings are very inaccuarte on both radios, so you MUST get an accurate external meter and find ot what is actually going on.
> 73
> Jeff
>

31801. Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-21 01:28:14 UTC
From: dzrtram
Topic: 16351 Message: 31801

I've been a lurker for a long time, but I am now about to buy an 897. I went to the FAQs, but could not find info on what antenna to buy.

If you don't mind, please recommend an antenna for the 897. The antenna will be in a mountain valley in our fire department trailer (mobile home). We do have plenty of air space around the trailer, except for one huge tree.

Any help you can give me would be much appreciated.

Ross KI6HSI

31802. RE: [FT897] Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-21 02:10:53 UTC
From: Ken Bandy
Topic: 16351 Message: 31802

Ross, what band or bands are you wanting to cover. As you are probably aware of, the FT897 is capable of covering both HF and VHF/UHF bands.

73,
Ken, KJ9B

> -----Original Message-----
> From: dzrtram [mailto:dzrtram@...]
> Sent: Saturday, November 20, 2010 8:28 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Antenna
>
> I've been a lurker for a long time, but I am now about to buy an 897. I
> went to the FAQs, but could not find info on what antenna to buy.
>
> If you don't mind, please recommend an antenna for the 897. The antenna
> will be in a mountain valley in our fire department trailer (mobile home).
> We do have plenty of air space around the trailer, except for one huge
> tree.
>
> Any help you can give me would be much appreciated.
>
> Ross KI6HSI

31803. Re: what resistance at HF antenna connector should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-21 03:48:57 UTC
From: Dave Nelson
Topic: 13232 Message: 31803

Phillip
dont even bother, its not going to tell you anything useful
the MFJ259 is for testing antennas NOT radios :)

If you want to test your transmitter ... feed it into a decent dummyload
Wattmeter
and see if you develop the correct power levels out on the relevent bands
plus/minus a few Watts

If you want to test the receiver ... feed a decent calibrated signal
generator into it
to test its sensitivity and see that it confirms to the data sheet for the
radio
on the relevent bands

Dave
VK2TDN

At 08:34 PM 20/11/2010, you wrote:
>3.6. Testing Impedance at VHF antenna connector. Should I measure?
> Posted by: "scotchmandr" scotchmandr@... scotchmandr
> Date: Fri Nov 19, 2010 7:12 am ((PST))
>
>OK I will ask again,
>
>It was then suggested that I connect my MFJ259 to the VHF antenna port on
>the back and test it like a dummy load to see what I get in regards to
>impedance. That makes sense as an additional next step, testing.
>
>Phillip
>N8AYE

31804. Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-21 16:13:47 UTC
From: Steve Yates
Topic: 13232 Message: 31804

Does anybody else see the problem with the statement below? The FT-817 supposedly has a well known problem with the finals being blown yet FT-817s are believed to be designed for use with poorly matched antennas. Maybe not. Maybe the FT-897 just does a better job of telling you to stop that.

In any case use an external SWR to be sure and keep everything the same except the radio and see if anything changes. The only problem with this plan is that some of the antennas mentioned are using the radio itself as the other half of the antenna so things won't be the same. Then again maybe that's why you are seeing differences.

We can all speculate until the cows come home but I think Philip would do well to find an Elmer in his area to give him a hand. If we were close I'd be glad to help.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "scotchmandr" <scotchmandr@...> wrote:
>
> My 817 just came back from ham repair (Non-D model with the well known finals problem) and it is operating properly. I also have an 817ND model which gives the same consistant readings for my QRP usages. But the 817 was designed for qrp use into whips and other qrp compromises, the 897 was NOT.
>
> Phillip
> N8AYE
>

31805. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-21 16:42:11 UTC
From: Steve Yates
Topic: 16351 Message: 31805

Ross,

You've asked a question that is impossible to answer. We need details of what you want to do. No one antenna can do all of the bands that the FT-897D covers, except for the old Heath Kit Cantenna, but it's performance was slightly below most antennas these days. At the very least you could string a wire to the big tree and use an autotuner such as the SGC SG-237 between it and a good ground system for all band operation from 160 m through 6 m. For 2 m and 70 cm maybe put up a commercial dual band vertical on a mast attached to the trailer.

If you have more specific frequencies ranges then the antennas can be chosen to optimize performance on those bands.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "dzrtram" <dzrtram@...> wrote:
>
> I've been a lurker for a long time, but I am now about to buy an 897. I went to the FAQs, but could not find info on what antenna to buy.
>
> If you don't mind, please recommend an antenna for the 897. The antenna will be in a mountain valley in our fire department trailer (mobile home). We do have plenty of air space around the trailer, except for one huge tree.
>
> Any help you can give me would be much appreciated.
>
> Ross KI6HSI
>

31806. Re: Testing Impedance at VHF antenna connector. Should I measure?

Yahoo group: FT897 (2010)
Date: 2010-11-21 16:57:20 UTC
From: Jim
Topic: 13232 Message: 31806

Philip,

Your 897 is a great rig for the money. I'd hang onto it.
There is an old saying about operating....
ANTENNA -ANTENNA-LOCATION-LOCATION.
Your station efficiency is dependent on it's antenna system.
In your case there is more options than you may think.

You mention a small house, does it have an attic?
A small loop antenna strung around the attic parameter
may work on some HF bands with an external TUNER.

A homemade 1/4 wave vhf or uhf vertical will fit in any room.
You can make a dualband copper j-pole also.

You mentioned a small yard, make a flagpole to display
our FLAG. The pole can be made from PVC, each section
stepping down in size until you reach the top. INSIDE the pvc
you can build a HF vertical with wire and/or coax. Bury as many
radials as you can. Zigzag them if you need too. You can attach them to
a metal fence, if you have one.

Is your house two stories? A vertical or inverted L shape
wire can be added to the outside.

Do you have raingutters? With a tuner you can possibly
load the gutters to work on HF as an antenna.

You will need to invest in a HF tuner. Get one with a built in SWR/WATT
meter. MFJ has many models and can be found on ebay for less.

For VHF/UHF there are a few cross needle meters made that are
very reasonably priced. The MFJ-842 is one of them.

73 de Jim
NJ3T

****
When all else fails!
What happens when the power lines go down?
What happens when the telephone lines go down?
What happens when the cell phones quit working?
Ham Radio emergency communications at it's best!
Amateur Radio OP since 1980.

****

[Non-text portions of this message have been removed]

31807. Re: [FT897] Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-21 19:53:20 UTC
From: JP Douglas
Topic: 16351 Message: 31807

We've been hams for about a year now and have been learning mostly by trial and error.
Our motto is: throw it out there and see if it works! It usually does.
I made a G5RV Jr antenna, cost no more than $20 in materials.
It's supposed to do 40 to 10m, it's working on 80 as well, and SWR reads doable for 6m.
Not presently using it w/the 987 but with a Kenwood TS-120 we have set up in the basement.
It's up at about 32 ft and would be even better if I could get it up a bit higher.

Working on making an Off Centre Dipole that will do 80 to 10 as well, plan to use it as an inverted V.

Both these antennas do require a tuner, we've been through a few in just one year, started w/manual tuners and
eventually went for convenience of auto tuners. With the 897 we use the LDG AT-9897 Plus with great results.
With the Kenwood we use a Tokyo Hy-Power HC-200AT with also great results.

For portable work we use the Chameleon VI antenna, it does 80m to 6m as well as VHF if you take of the balun.

Whatever you do, keep the HF antennas away from the building!
We've had serious RF getting into the shack problems by having a vertical antenna (GAP Eagle) attached to the side of the house as well
as an Alpha Delta DX-B 1/4 wave Sloper under the GAP.
You can combat the RF with an RF Choke as well as an MFJ Artificial Ground, but best is to avoid it to begin with.

Last month we went to Lubec, ME for a few days of portable DXing, rented a waterfront cottage.
Set up the Chameleon next to the deck and had terrible results as well as blowing a circuit breaker every time we tried to transmit.
Moved the antenna 30 ft away from the house and had excellent results, both digitally and w/voice.

The OCD I'm building will eventually replace the GAP and the Sloper.

Best of luck!

73 de Jose Douglas - KB1TCD

From: dzrtram <dzrtram@...>
To: FT897@yahoogroups.com
Sent: Sat, November 20, 2010 8:28:14 PM

Subject: [FT897] Antenna

I've been a lurker for a long time, but I am now about to buy an 897. I went to the FAQs, but could not find info on what antenna to buy.

If you don't mind, please recommend an antenna for the 897. The antenna will be in a mountain valley in our fire department trailer (mobile home). We do have plenty of air space around the trailer, except for one huge tree.

Any help you can give me would be much appreciated.

Ross KI6HSI

[Non-text portions of this message have been removed]

31808. PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-21 23:35:09 UTC
From: Hank
Topic: 31808 Message: 31808

I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.

Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.

73,

Hank Lambert
KB4MTO/TA5ZC

31809. Upgrading handheld

Yahoo group: FT897 (2010)
Date: 2010-11-21 23:40:06 UTC
From: Sean
Topic: 31809 Message: 31809

Hi all!,
I have the stock MH-31 hand mic. Is there a better hand mic for our rigs, or a way to upgrade this one?
Just curious...
73! W7TRD
Sean

31810. Re: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-21 23:50:47 UTC
From: b j
Topic: 31808 Message: 31810

I tried to use Digital Desktop for 9600 baud paket with my DSP-2232 and also with my KPC-9612+ never did get it to work, Rick from CSS was working on the problem for over a year nearly 2 years I just gave up on his software and went back to using winpac works fine except it does not support long file names..
hope this helps, DE Barry VE3BLM

I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.

Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.

73,

Hank Lambert
KB4MTO/TA5ZC

[Non-text portions of this message have been removed]

31811. RE: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-21 23:55:44 UTC
From: Hank Lambert
Topic: 31808 Message: 31811

Thanks for the reply Barry. I’m pretty new to this, but it seems like my problem might be a setting of some sort. Either that or the data cable I made is wrong. When I send data to the PK-232 through the audio input connector on the back of the 232, Digital Desktop seems to work just fine. When I use the data port, it doesn’t.

Thanks.

73,

Hank

KB4MTO/TA5ZC

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of b j
Sent: Sunday, November 21, 2010 6:51 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] PK-232MBX muting FT-897D audio

I tried to use Digital Desktop for 9600 baud paket with my DSP-2232 and also with my KPC-9612+ never did get it to work, Rick from CSS was working on the problem for over a year nearly 2 years I just gave up on his software and went back to using winpac works fine except it does not support long file names..
hope this helps, DE Barry VE3BLM

I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.

Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.

73,

Hank Lambert
KB4MTO/TA5ZC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31812. Re: [FT897] Upgrading handheld

Yahoo group: FT897 (2010)
Date: 2010-11-21 23:59:17 UTC
From: DALE
Topic: 31809 Message: 31812

There in nothing wrong with the stock mike. Vertex uses it one the commercial radios.
What makes you thing it needs upgraded.
Most other mikes just make you sound different.
You do not listen to yourself anyway.
Dale

----- Original Message -----
From: "Sean" <kamaaina1@...>
To: FT897@yahoogroups.com
Sent: Sunday, November 21, 2010 3:40:06 PM
Subject: [FT897] Upgrading handheld

Hi all!,
I have the stock MH-31 hand mic. Is there a better hand mic for our rigs, or a way to upgrade this one?
Just curious...
73! W7TRD
Sean

--

[Non-text portions of this message have been removed]

31813. RE: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-22 00:49:53 UTC
From: b j
Topic: 31808 Message: 31813

are you doing packet if so there is a a different pin for 1200 baud and 9600.
I have transfered a 18 k file from the ft-897 to a ft-8800 in 42 sec. I use the 6 pin mini din on the back of the rig works great.. also if you invest in a 6 & 8 pin mini male to female you can leave them pluged into the rig and change things without moving the radio..
DE Barry VE3BLM

[Non-text portions of this message have been removed]

31814. RE: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-22 01:48:06 UTC
From: Hank Lambert
Topic: 31808 Message: 31814

Yes, I am doing packet. I have the 1200 pin wired (if I am reading the pinouts correctly), and I can see the PK-232 meter spread out when data comes across.

Hank

KB4MTO/TA5ZC

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of b j
Sent: Sunday, November 21, 2010 7:50 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] PK-232MBX muting FT-897D audio

are you doing packet if so there is a a different pin for 1200 baud and 9600.
I have transfered a 18 k file from the ft-897 to a ft-8800 in 42 sec. I use the 6 pin mini din on the back of the rig works great.. also if you invest in a 6 & 8 pin mini male to female you can leave them pluged into the rig and change things without moving the radio..
DE Barry VE3BLM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31815. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 02:25:19 UTC
From: dzrtram
Topic: 16351 Message: 31815

Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using 20-40 on the HF side. Thanks for any help you can be. You're only the second one to try to help, by the way.

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Ross, what band or bands are you wanting to cover. As you are probably
> aware of, the FT897 is capable of covering both HF and VHF/UHF bands.
>
> 73,
> Ken, KJ9B
>
> > -----Original Message-----
> > From: dzrtram [mailto:dzrtram@...]
> > Sent: Saturday, November 20, 2010 8:28 PM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] Antenna
> >
> > I've been a lurker for a long time, but I am now about to buy an 897. I
> > went to the FAQs, but could not find info on what antenna to buy.
> >
> > If you don't mind, please recommend an antenna for the 897. The antenna
> > will be in a mountain valley in our fire department trailer (mobile home).
> > We do have plenty of air space around the trailer, except for one huge
> > tree.
> >
> > Any help you can give me would be much appreciated.
> >
> > Ross KI6HSI
>

31816. RE: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-22 02:27:09 UTC
From: b j
Topic: 31808 Message: 31816

yes i do have a packet set up, 9600 and 1200 baud use a different pin
page 18 will show the pin digram.. DE barry VE3BLM

are you doing packet if so there is a a different pin for 1200 baud and 9600

[Non-text portions of this message have been removed]

31817. Re: [FT897] Upgrading handheld

Yahoo group: FT897 (2010)
Date: 2010-11-22 12:06:08 UTC
From: Larry Miller
Topic: 31809 Message: 31817

You will never beat Heil products

Larry / nr3r

On Sun Nov 21st, 2010 6:40 PM EST Sean wrote:

>Hi all!,
> I have the stock MH-31 hand mic. Is there a better hand mic for our rigs, or a way to upgrade this one?
> Just curious...
> 73! W7TRD
> Sean
>

31818. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 12:14:44 UTC
From: Larry Miller
Topic: 16351 Message: 31818

You may want to look at the MFJ 2990.. I wanted an all band antenna, I have this one. I put some hardware cloth on the ground below it for "ground screen". I use their radials, 32 of them. and 50ft coax and I have no problem going from 160 to 6 at all. You will need a seperate VHF/UHF antenna.

Larry / nr3r

On Sun Nov 21st, 2010 9:25 PM EST dzrtram wrote:

>Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using 20-40 on the HF side. Thanks for any help you can be. You're only the second one to try to help, by the way.
>
>--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>>
>> Ross, what band or bands are you wanting to cover. As you are probably
>> aware of, the FT897 is capable of covering both HF and VHF/UHF bands.
>>
>> 73,
>> Ken, KJ9B
>>
>> > -----Original Message-----
>> > From: dzrtram [mailto:dzrtram@...]
>> > Sent: Saturday, November 20, 2010 8:28 PM
>> > To: FT897@yahoogroups.com
>> > Subject: [FT897] Antenna
>> >
>> > I've been a lurker for a long time, but I am now about to buy an 897. I
>> > went to the FAQs, but could not find info on what antenna to buy.
>> >
>> > If you don't mind, please recommend an antenna for the 897. The antenna
>> > will be in a mountain valley in our fire department trailer (mobile home).
>> > We do have plenty of air space around the trailer, except for one huge
>> > tree.
>> >
>> > Any help you can give me would be much appreciated.
>> >
>> > Ross KI6HSI
>>
>
>

31819. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 12:47:37 UTC
From: Chris Baker
Topic: 16351 Message: 31819

Quote: You're only the second one to try to help, by the way.
Would check your spam settings as I saw at least 6 answers here and I mailed you directly.
If 20/40 why not dioples cut for theses bands????

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84
NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@M0SCG.org.uk

--- On Mon, 22/11/10, dzrtram <dzrtram@...> wrote:

From: dzrtram <dzrtram@...>
Subject: [FT897] Re: Antenna
To: FT897@yahoogroups.com
Date: Monday, 22 November, 2010, 2:25

Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using 20-40 on the HF side. Thanks for any help you can be.

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:

>

> Ross, what band or bands are you wanting to cover. As you are probably

> aware of, the FT897 is capable of covering both HF and VHF/UHF bands.

>

> 73,

> Ken, KJ9B

>

> > -----Original Message-----

> > From: dzrtram [mailto:dzrtram@...]

> > Sent: Saturday, November 20, 2010 8:28 PM

> > To: FT897@yahoogroups.com

> > Subject: [FT897] Antenna

> >

> > I've been a lurker for a long time, but I am now about to buy an 897. I

> > went to the FAQs, but could not find info on what antenna to buy.

> >

> > If you don't mind, please recommend an antenna for the 897. The antenna

> > will be in a mountain valley in our fire department trailer (mobile home).

> > We do have plenty of air space around the trailer, except for one huge

> > tree.

> >

> > Any help you can give me would be much appreciated.

> >

> > Ross KI6HSI

>

[Non-text portions of this message have been removed]

31820. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 12:51:41 UTC
From: Carl Wulfestieg
Topic: 16351 Message: 31820

Remember, he said he was in a "mountain valley" and in a "Fire Department trailer". He's probably more interested in emergency communications than DX?
The MFJ Catalog states that on the MFJ-2990 antenna ". . . The entire length radiates to provide exceptional low angle DX performance . . ." This may not be the best choice for emergency communications in a mountain valley?
88 LOL Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31821. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 13:05:20 UTC
From: Carl Wulfestieg
Topic: 16351 Message: 31821

Chris-
Dipoles are a good suggestion. Relatively easy to make and inexpensive. If they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting them only 10 to 15 feet above ground, the "mountain valley" communication problem is solved.
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

31822. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 14:59:09 UTC
From: Larry Miller
Topic: 16351 Message: 31822

but he said there is only one tree there the rest is open space. makes it hard for the other end of a dipole. this is why i mentioned a verticle

larry / nr3r

On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:

>Chris-
> Dipoles are a good suggestion. Relatively easy to make and inexpensive. If they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting them only 10 to 15 feet above ground, the "mountain valley" communication problem is solved.
>88 Carl WZ4CW, SKCC 918, FISTS 13491
>
>[Non-text portions of this message have been removed]
>

31823. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 15:34:47 UTC
From: Chris Baker
Topic: 16351 Message: 31823

one tree = slopers or in-verted vees?

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

--- On Mon, 22/11/10, Larry Miller <nr3r15@...> wrote:

From: Larry Miller <nr3r15@...>
Subject: Re: [FT897] Re: Antenna
To: ft897@yahoogroups.com
Date: Monday, 22 November, 2010, 14:59

but he said there is only one tree there the rest is open space. makes it hard for the other end of a dipole. this is why i mentioned a verticle

larry / nr3r

On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:

>Chris-

> Dipoles are a good suggestion. Relatively easy to make and inexpensive. If they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting them only 10 to 15 feet above ground, the "mountain valley" communication problem is solved.

>88 Carl WZ4CW, SKCC 918, FISTS 13491

>

>[Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

31824. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 16:36:42 UTC
From: Harold Burton
Topic: 16351 Message: 31824

For NVIS a dipole could be hung off the end of a roof ridgeline and made an inverted V with the ends at about 8 feet to keep them high enough to be mostly out of reach. Most modern single story house roof ridgelines would be approx. 16 feet or very close to the desired NVIS height. My own inverted V dipole has a bit of NVIS capability, since I have wires for 160 mtr, 80 mtr, 20 mtr, and 17 mtr, all center fed at about 28 feet. A little high for NVIS, but probably get a little on 160 and 80 mtr bands. Best point is that dipoles tend to be much less expensive than verticals, especially since they are much easier to homebrew.

Harold
KD5SAK

----- Original Message -----
From: "Larry Miller" <nr3r15@...>
To: <ft897@yahoogroups.com>
Sent: Monday, November 22, 2010 8:59 AM
Subject: Re: [FT897] Re: Antenna

> but he said there is only one tree there the rest is open space. makes it
> hard for the other end of a dipole. this is why i mentioned a verticle
>
> larry / nr3r
>
> On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:
>
>>Chris-
>> Dipoles are a good suggestion. Relatively easy to make and
>> inexpensive. If they are used as Near Vertical Incident Skywave (NVIS)
>> antennas, by mounting them only 10 to 15 feet above ground, the "mountain
>> valley" communication problem is solved.
>>88 Carl WZ4CW, SKCC 918, FISTS 13491
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>>[Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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31825. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 16:40:24 UTC
From: Carl Wulfestieg
Topic: 16351 Message: 31825

Larry-
You're absolutely correct - under the existing antenna mounting conditions, the vertical would be a good choice. But don't forget about the "mountain valley" he wants to operate from. An NVIS antenna is the best choice for getting out of the valley. An NVIS dipole is only mounted 10-15 feet above ground. Therefore, relatively short poles would support it well.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

31826. Re: [FT897] Upgrading handheld

Yahoo group: FT897 (2010)
Date: 2010-11-22 17:35:14 UTC
From: Stanton Royce
Topic: 31809 Message: 31826

Regarding Heil products, I have had one experience with Heil products. Last week I received the Pro headset with adapter for the FT-897D for the ARRL SSB SS last weekend and am delighted with the quality and performance.

Stanton Royce WW5Q

From: Larry Miller <nr3r15@...>
To: ft897@yahoogroups.com
Sent: Mon, November 22, 2010 5:06:08 AM
Subject: Re: [FT897] Upgrading handheld

You will never beat Heil products

Larry / nr3r

On Sun Nov 21st, 2010 6:40 PM EST Sean wrote:

>Hi all!,
> I have the stock MH-31 hand mic. Is there a better hand mic for our rigs, or
>a way to upgrade this one?
> Just curious...
> 73! W7TRD
> Sean
>

[Non-text portions of this message have been removed]

31827. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 18:35:33 UTC
From: Stanton Royce
Topic: 16351 Message: 31827

Ross,

If you are like me, you want to get on the air yesterday but have learned that in a day or two you can learn something that reasonably makes you regret the prior decision to commit money and time to equipment that does not do all you want it to do. Since you are asking around to learn more, sooner, this is probably true of you too!

As Ken noted, the antenna selection is best made based on an analysis of a variety of factors. The fact you plan to use an FT-897D is only relevant because of two considerations. One is the characteristic of all modern HF transceivers that require close matching of the output with low SWR to get maximum design output and while protecting the rig from damage. The second one I will include in 1. below.

1. As Ken asked, how do you intend to operate? This takes into consideration bands and who do you want to hear you (where are they, local, DX both). Is this a temporary or "permanent" installation? Also, because of the portability of the 897, do you want to consider if you want one antenna you can use in different applications and or locations? What about the input power capability of the antenna? How long will it be before you get frustrated not being heard in DX pileups with only 100 watts PEP SSB? Do you want an antenna that can handle 100w or 600 watts CW or maybe 1.5 kw CW? Maybe two different antennae? But now we are getting into 2. below.

2. What opportunities and limitations do you have concerning what type of antenna you can use? (I like working all bands from 160 through 70 cm and have to contend with very restrictive CCRs and an aggressive architectural review committee with a manger that does monthly property tours/ inspections.) Based on the type of antenna you will use, what type of tuner will you need to properly match between the rig and antenna, if the antenna does not guarantee a low SWR across your range of desired operating frequencies without the need for a tuner or coupler?

3. What is your budget? Actually, for good financial management, set your budget first then conduct the above analysis.

4. What are other hams doing with similar operating interests, needs, budget? You appear to be addressing this item with the question you asked. You might want to ask the question in an antenna forum because, as I said, other than for the two things I mentioned above, it does not matter what modern rig you are using.

5. Right after budget, the ARRL intro book on antennae can help identify what questions to ask as well as provide answers. You can also search the internet for that info but I am more willing to trust the ARRL materials, having done so since studying for my novice exam in 1962. Having said that, I sometimes read

things in them that I believe are not the best advice. Sometimes it is limited to the author's experience, without the author having done a thorough job of researching the individual topics to see if the authors' options work best for the same or less cost. Sometimes people write about what they did (personal experience) based on a rather narrow review of available options. The age of the last edition of a publication is also important given how rapidly some technology is evolving. Consider the speed of the evolution of Yaesu VHF HTs. Even a thorough comparison, performed about 6 months ago, of then-available HT selection based on operational needs and interests versus equipment capabilities, would be outdated already for an avid APRS fan because of the recent release of the VX-8DR.

Personally, I prefer (but do not have one on HF now based in large part on #2. above) a balanced antenna constructed from a material with low loss properties, including of a sufficient diameter for the frequencies being used. To me, installing a really effective counterpoise for HF use (particularly on 160, 80 and 40 metres with a random wire, even one about 100 metres long) is laborious and adds unnecessary expense you can avoid with a balanced antenna. I've used both balanced and unbalanced and have found I've had less (sometimes none) RF issues in the shack and surrounding area (with 600 watts output) with a balanced antenna versus unbalanced (with 100 watts output), regardless how good a counterpoise I used. This was the case even with 4 @ 8 feet long ground rods appropriately installed for an equipment ground, separate from the counterpoise.

I have given you no answers, but hopefully guiding you in how to think about this lead you to optimal outcomes in your quest for the best (based on individual situations) antenna.

Stanton Royce WW5Q

From: Larry Miller <nr3r15@...>
To: ft897@yahoogroups.com
Sent: Mon, November 22, 2010 5:14:44 AM
Subject: Re: [FT897] Re: Antenna

You may want to look at the MFJ 2990.. I wanted an all band antenna, I have this one. I put some hardware cloth on the ground below it for "ground screen". I use their radials, 32 of them. and 50ft coax and I have no problem going from 160 to 6 at all. You will need a seperate VHF/UHF antenna.

Larry / nr3r

On Sun Nov 21st, 2010 9:25 PM EST dzrtram wrote:

>Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using
>20-40 on the HF side. Thanks for any help you can be. You're only the second
>one to try to help, by the way.
>
>--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>>
>> Ross, what band or bands are you wanting to cover. As you are probably

>> aware of, the FT897 is capable of covering both HF and VHF/UHF bands.
>>
>> 73,
>> Ken, KJ9B
>>
>> > -----Original Message-----
>> > From: dzrtram [mailto:dzrtram@...]
>> > Sent: Saturday, November 20, 2010 8:28 PM
>> > To: FT897@yahoogroups.com
>> > Subject: [FT897] Antenna
>> >
>> > I've been a lurker for a long time, but I am now about to buy an 897. I
>> > went to the FAQs, but could not find info on what antenna to buy.
>> >
>> > If you don't mind, please recommend an antenna for the 897. The antenna
>> > will be in a mountain valley in our fire department trailer (mobile home).
>> > We do have plenty of air space around the trailer, except for one huge
>> > tree.
>> >
>> > Any help you can give me would be much appreciated.
>> >
>> > Ross KI6HSI
>>
>
>

[Non-text portions of this message have been removed]

31828. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 19:04:26 UTC
From: Stanton Royce
Topic: 16351 Message: 31828

Regarding a dipole and only one tree, think of this as is with cosmetic surgery. What God has made, man can change.

At 1 mile elevation but with 2,000 metre higher mountain peaks to my east and CCRs, I did what Larry recommends below with random wire about 100 metres long on a 1/3 acre lot. I bought 3 @ 12 feet long pressure treated 4x4s. (16-footers were relatively more expensive and heavy for me to handle alone.) I then extended them with 1x6 inch wood on 3 sides of the 4x4s, so with 4 feet of the 4x4 in the ground, the top of the assembly is just higher than 15 feet above ground. For camouflage I mounted two bird houses on the "stealth masts" and a pulley near the top inside the 3 sided extension. I presume Chris has no restrictions on appearance of the masts, so he could stick up about anything for one or both ends of the dipole support. The wire is #16 CU coated steel from the Wireman, painted with 4 different camouflage colors so the CU does not glow in the sun and there is no one long color section of wire to draw the eye to a continuous line in the sky. Chris could use a larger diameter wire with no concerns about CCRs or aesthetics(from a non-ham perspective).

With 100 watts PEP SSB in the CQ and ARRL SS this year, in only a few hours 6 hours of search and pounce in each event I worked 20+ countries around the world in the CQ and 65 of 80 ARRL sections. I could not compete in piles ups with high power amps and beam antennae, but could squeeze in between 2 high power stations and make contacts with others using 100 watts or less others were not hearing. By search and pounce I could work high power DX when I got to them before the mob arrived. I used 80 through 15 metres successfully for these, depending on time of day.I can also hear and be heard by stations around NM on 80 m in the state ARES net with the 100 w PEP.

Chris, without having to deal with zoning or CCRs, you can focus on operating versus design versus budget and work the world with whatever you erect.

Stanton Royce WW5Q

From: Larry Miller <nr3r15@...>
To: ft897@yahoogroups.com
Sent: Mon, November 22, 2010 7:59:09 AM
Subject: Re: [FT897] Re: Antenna

but he said there is only one tree there the rest is open space. makes it hard for the other end of a dipole. this is why i mentioned a verticle

larry / nr3r

On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:

>Chris-
> Dipoles are a good suggestion. Relatively easy to make and inexpensive. If
>they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting
>them only 10 to 15 feet above ground, the "mountain valley" communication
>problem is solved.
>88 Carl WZ4CW, SKCC 918, FISTS 13491
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

31829. RE: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 21:17:53 UTC
From: Rick Johnson
Topic: 16351 Message: 31829

Slopers work very well...
Rick W3BI

To: ft897@yahoogroups.com
From: nr3r15@...
Date: Mon, 22 Nov 2010 06:59:09 -0800
Subject: Re: [FT897] Re: Antenna

but he said there is only one tree there the rest is open space. makes it hard for the other end of a dipole. this is why i mentioned a verticle

larry / nr3r

On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:

>Chris-

> Dipoles are a good suggestion. Relatively easy to make and inexpensive. If they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting them only 10 to 15 feet above ground, the "mountain valley" communication problem is solved.

>88 Carl WZ4CW, SKCC 918, FISTS 13491

>

[Non-text portions of this message have been removed]

31830. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 22:30:16 UTC
From: Danny Loyd
Topic: 16351 Message: 31830

Ross,

As you know it all depends on what you want to do. I have a G5RV at 48 feet with north-south orientation on 100W and am talking the world on everything

from 80-10 meters. I have the AT-897 Tuner for the FT-897 and have found this baby will tune a wet noodle almost. Had to rethink the Mic Gain and Processor

sets because I was overdriving the radio and thought I had antenna problems. I am using a MFJ Discone for VHF/UHF and it works like a charm. Will have to

replace it soon because most of the radials popped off in high wind but it is still working good with only 1.5:1 SWR on VHF and UHF.

Hopes this gives you some ideas.

Danny
KE5WDI

From: dzrtram <dzrtram@...>
To: FT897@yahoogroups.com
Sent: Sun, November 21, 2010 8:25:19 PM
Subject: [FT897] Re: Antenna

Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using 20-40 on the HF side. Thanks for any help you can be. You're only the second one to try to help, by the way.

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Ross, what band or bands are you wanting to cover. As you are probably
> aware of, the FT897 is capable of covering both HF and VHF/UHF bands.
>
> 73,
> Ken, KJ9B
>
> > -----Original Message-----
> > From: dzrtram [mailto:dzrtram@...]
> > Sent: Saturday, November 20, 2010 8:28 PM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] Antenna
> >
> > I've been a lurker for a long time, but I am now about to buy an 897. I
> > went to the FAQs, but could not find info on what antenna to buy.
> >
> > If you don't mind, please recommend an antenna for the 897. The antenna

> > will be in a mountain valley in our fire department trailer (mobile home).
> > We do have plenty of air space around the trailer, except for one huge
> > tree.
> >
> > Any help you can give me would be much appreciated.
> >
> > Ross KI6HSI
>

[Non-text portions of this message have been removed]

31831. Re: [FT897] Upgrading handheld

Yahoo group: FT897 (2010)
Date: 2010-11-22 22:32:49 UTC
From: Danny Loyd
Topic: 31809 Message: 31831

Sean,

I have the Heil Proset with DX Mic (I believe it is HM-5) and it works wonders. Getting nothing but great reports and
working VOX with it is a snap.

Danny
KE5WDI

From: Larry Miller <nr3r15@...>
To: ft897@yahoogroups.com
Sent: Mon, November 22, 2010 6:06:08 AM
Subject: Re: [FT897] Upgrading handheld

You will never beat Heil products

Larry / nr3r

On Sun Nov 21st, 2010 6:40 PM EST Sean wrote:

>Hi all!,
> I have the stock MH-31 hand mic. Is there a better hand mic for our rigs, or a
>way to upgrade this one?
> Just curious...
> 73! W7TRD
> Sean
>

[Non-text portions of this message have been removed]

31832. Antenna. Thank you everyone

Yahoo group: FT897 (2010)
Date: 2010-11-23 18:05:59 UTC
From: dzrtram
Topic: 31832 Message: 31832

I just got all your responses. Don't know why?

I appreciate the help, and I recognize I didn't give enough information. This is just for emergency work, and no DXing. However, I would like to cover a radius of at least 200-300 miles as we are connected for emergencies to a very wide area of mountains and desert.

Thanks again,
Ross

31833. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-23 18:10:23 UTC
From: dzrtram
Topic: 16351 Message: 31833

Thanks, Chris,
I'm having a lot of trouble with Yahoo. I couldn't understand why I wasn't see more of the 897 group. I just got all the responses today. I appreciate your help.
Ross

--- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:
>
> Quote: You're only the second one to try to help, by the way.
> Would check your spam settings as I saw at least 6 answers here and I mailed you directly.
> If 20/40 why not dioples cut for theses bands????
>
> Thanks
>
> Chris Baker B.A.Â Â Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
> G4LDS@...
>
> --- On Mon, 22/11/10, dzrtram <dzrtram@...> wrote:
>
> From: dzrtram <dzrtram@...>
> Subject: [FT897] Re: Antenna
> To: FT897@yahoogroups.com
> Date: Monday, 22 November, 2010, 2:25
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> Ken, yes I know the 897 gets 2m and 440, which we use. I think we'll be using 20-40 on the HF side. Thanks for any help you can be.
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>

>
> --- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@> wrote:
>
> >
>
> > Ross, what band or bands are you wanting to cover. As you are probably
>
> > aware of, the FT897 is capable of covering both HF and VHF/UHF bands.
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> > 73,
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> > Ken, KJ9B
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>
> > > -----Original Message-----
>
> > > From: dzrtram [mailto:dzrtram@]
>
> > > Sent: Saturday, November 20, 2010 8:28 PM
>
> > > To: FT897@yahoogroups.com
>
> > > Subject: [FT897] Antenna
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> > >
>
> > > I've been a lurker for a long time, but I am now about to buy an 897. I
>
> > > went to the FAQs, but could not find info on what antenna to buy.
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> > > If you don't mind, please recommend an antenna for the 897. The antenna
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> > > will be in a mountain valley in our fire department trailer (mobile home).
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> > > We do have plenty of air space around the trailer, except for one huge
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> > > tree.
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> > > Any help you can give me would be much appreciated.
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> > > Ross KI6HSI

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31834. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-23 18:30:22 UTC
From: dzrtram
Topic: 16351 Message: 31834

Randy,
Out of ignorance of antenna theory and HF in general I realize I didn't leave enough information. I am not into DXing. However, this fire dept is in a rural mountain area down in a valley. We have not even been able to hit a 2m repeater yet, so we need to know how to get out of the valley on ,probably, 20-40-80. Thank you for your response.

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> You could search the archives to see if you asked the question. Of
> course, I could too, but I'll ask questions instead. <grin>
>
> How are you planning to use the radio?
>
> Are you looking for backpack, portable, mobile, marine, and/or base.
>
> What restrictions do you have, such as length, height, CC&R, and money?
>
> Can you put up a large tower or two?
>
> Do you live on a mountain top, or between a rock and a hard place. (Red
> Mountain started in my back yard, and Sandstone Ridge was across the
> street. Here's where I break out in Hank William's "Down in the
> Valley.")
>
> Are you willing to have more than one antenna. For instance, if it is
> for mobile, would you be willing to have a seperate VHF/UHF antenna?
>
> Do you want a highly directional antenna? Will you need to rotate it?
>
> 73, Randy - KG4JIX
>
>
> On Sunday 11 March 2007 08:17 pm, Ross wrote:
> > Please forgive me if I've posted this question before; I just don't
> > remember. I am planning to purchase the 897D. I want to make sure
> > to get the correct antenna that will do all the radio is capable of
> > doing. Would anyone care to overlook my forgetfullness if I've asked
> > this question before, and give me some advice, recommendations, or
> > warnings?
> >
> > Thank you for any help you can be.
> > Ross
> > KI6HSI
>

31835. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-23 19:05:16 UTC
From: DALE
Topic: 16351 Message: 31835

Do you have any one you know to contact in an emergency. What kind of emergency?
Emergencies can happen any time, HF propagation is iffy most of the time.
If it is a fire department there should be other means to get emergency radio communications set up.
Ham radio is a hobby, not a emergency service.
Dale

----- Original Message -----
From: "dzrtram" <dzrtram@...>
To: FT897@yahoogroups.com
Sent: Tuesday, November 23, 2010 10:30:22 AM
Subject: [FT897] Re: Antenna

Randy,
Out of ignorance of antenna theory and HF in general I realize I didn't leave enough information. I am not into DXing. However, this fire dept is in a rural mountain area down in a valley. We have not even been able to hit a 2m repeater yet, so we need to know how to get out of the valley on ,probably, 20-40-80. Thank you for your response.

[Non-text portions of this message have been removed]

31836. Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 21:10:13 UTC
From: Iain
Topic: 31836 Message: 31836

Hi Wonder if someone could help.the Band and mode switches not functioning have suddenly stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

31837. Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 21:11:44 UTC
From: Iain
Topic: 31836 Message: 31837

Hi Wonder if someone could help.the Band and mode switches have suddenly stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

31838. Re: [FT897] Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 22:12:47 UTC
From: Chris Baker
Topic: 31836 Message: 31838

Had similar and it was my straight key stuck in Tx mode. Try taking out mic, key etc and see if that clears it.

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

--- On Tue, 23/11/10, Iain <iain@...> wrote:

From: Iain <iain@g4dpf.co.uk>
Subject: [FT897] Band and mode switches not functioning
To: FT897@yahoogroups.com
Date: Tuesday, 23 November, 2010, 21:11

Hi Wonder if someone could help.the Band and mode switches have suddenly

stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31839. RE: [FT897] Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 22:23:08 UTC
From: Iain
Topic: 31836 Message: 31839

Chris, Many Many thanks.it was going to be a long night trying to find that one !!!!! I was convinced it was a "me press wrong button issue" !

You were absolutely spot on !!! I have a straight key in parallel with my paddle and it was stuck down..what a strange set of symptoms !!

Thanks again

Iain G4DPF

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Chris Baker
Sent: 23 November 2010 22:13
To: FT897@yahoogroups.com
Subject: Re: [FT897] Band and mode switches not functioning

Had similar and it was my straight key stuck in Tx mode. Try taking out mic, key etc and see if that clears it.

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T G4LDS@...

--- On Tue, 23/11/10, Iain <iain@...> wrote:

From: Iain <iain@...>
Subject: [FT897] Band and mode switches not functioning
To: FT897@yahoogroups.com
Date: Tuesday, 23 November, 2010, 21:11

Hi Wonder if someone could help.the Band and mode switches have suddenly

stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1153 / Virus Database: 424/3274 - Release Date: 11/23/10

[Non-text portions of this message have been removed]

31840. Re: [FT897] Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 22:43:31 UTC
From: John
Topic: 31836 Message: 31840

Iain,is it possible you have pushed the VFO knob in,try pushing it again,

John GM3ZXG
----- Original Message -----
From: Iain
To: FT897@yahoogroups.com
Sent: Tuesday, November 23, 2010 9:10 PM
Subject: [FT897] Band and mode switches not functioning

Hi Wonder if someone could help.the Band and mode switches not functioning
have suddenly stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1153 / Virus Database: 424/3274 - Release Date: 11/23/10

[Non-text portions of this message have been removed]

31841. Re: [FT897] Band and mode switches not functioning

Yahoo group: FT897 (2010)
Date: 2010-11-23 22:44:47 UTC
From: John
Topic: 31836 Message: 31841

Sorry missed the replies,
John
----- Original Message -----
From: Iain
To: FT897@yahoogroups.com
Sent: Tuesday, November 23, 2010 9:10 PM
Subject: [FT897] Band and mode switches not functioning

Hi Wonder if someone could help.the Band and mode switches not functioning
have suddenly stopped working

Have I done something really daft ?

Tnx es 73's Iain G4dpf

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1153 / Virus Database: 424/3274 - Release Date: 11/23/10

[Non-text portions of this message have been removed]

31842. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-23 22:55:43 UTC
From: Carl Wulfestieg
Topic: 16351 Message: 31842

Dale-
He's trying to help provide emergency communications between his local Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

31843. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 00:46:27 UTC
From: DALE
Topic: 16351 Message: 31843

He did not indicate other agencies had Ham HF radio and Ham operators on duty.
Fire Departments are getting Ham radio HF sets for emergencies it is not quite what ham radio was intended.
If they need other communications there is a way. If they need it Agencies can furnish it.
They could check FEMA. They have a lot better HF radios than Ham radios are.
I have seen Ham radio stations installed in Fire houses for licensed Hams to operate for recreation.
Dale

----- Original Message -----
From: "Carl Wulfestieg" <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Tuesday, November 23, 2010 2:55:43 PM
Subject: Re: [FT897] Re: Antenna

Dale-
He's trying to help provide emergency communications between his local Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31844. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 06:24:01 UTC
From: ROBERT FAREY
Topic: 16351 Message: 31844

Hi Guys
The military has overhaul use of the Hf bands.
what makes you think it's just for radio amateurs, what about the bands between the amateur bands who do you think just might control the specrum of radio.
radio's like a yaesu ft897 is compact it is also capable of operating over the whole HF frequncy bandwidth from 100khz to 30 Mhz.
we are not alone on the HF bands. robert.

--- On Wed, 24/11/10, DALE <wa7ixk@...> wrote:

From: DALE <wa7ixk@...>
Subject: Re: [FT897] Re: Antenna
To: FT897@yahoogroups.com
Date: Wednesday, 24 November, 2010, 0:46

He did not indicate other agencies had Ham HF radio and Ham operators on duty.

Fire Departments are getting Ham radio HF sets for emergencies it is not quite what ham radio was intended.

If they need other communications there is a way. If they need it Agencies can furnish it. They could check FEMA. They have a lot better HF radios than Ham radios are.

I have seen Ham radio stations installed in Fire houses for licensed Hams to operate for recreation.

Dale

----- Original Message -----

From: "Carl Wulfestieg" <ag4ls@comcast.net>

To: FT897@yahoogroups.com

Sent: Tuesday, November 23, 2010 2:55:43 PM

Subject: Re: [FT897] Re: Antenna

Dale-

He's trying to help provide emergency communications between his local Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.

73 Carl WZ4CW

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[Non-text portions of this message have been removed]

31845. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 06:31:04 UTC
From: ROBERT FAREY
Topic: 16351 Message: 31845

Hi having given one answer, add to this who do you think let's us amateurs near the radio spectrum to help with emergency communications when required as they will need us someday. modes like NVIS for instance in a ravine would be ideal. Robert.

--- On Tue, 23/11/10, DALE <wa7ixk@...> wrote:

From: DALE <wa7ixk@...>
Subject: Re: [FT897] Re: Antenna
To: FT897@yahoogroups.com
Date: Tuesday, 23 November, 2010, 19:05

Do you have any one you know to contact in an emergency. What kind of emergency?

Emergencies can happen any time, HF propagation is iffy most of the time.

If it is a fire department there should be other means to get emergency radio communications set up.

Ham radio is a hobby, not a emergency service.

Dale

----- Original Message -----

From: "dzrtram" <dzrtram@...>

To: FT897@yahoogroups.com

Sent: Tuesday, November 23, 2010 10:30:22 AM

Subject: [FT897] Re: Antenna

Randy,

Out of ignorance of antenna theory and HF in general I realize I didn't leave enough information. I am not into DXing. However, this fire dept is in a rural mountain area down in a valley. We have not even been able to hit a 2m repeater yet, so we need to know how to get out of the valley on ,probably, 20-40-80. Thank you for your response.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31846. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 06:35:36 UTC
From: ROBERT FAREY
Topic: 16351 Message: 31846

Hi Randy
The military use NVIS and that is what i would expect you guys to use, a whip antenna about 3-4 metres in length on the fire appliance bent over till it almost touches the body at the other end will send the signal sky wards which would allow you to be heard with in a 20-30 mile radius. Regards Robert

--- On Tue, 23/11/10, dzrtram <dzrtram@...> wrote:

From: dzrtram <dzrtram@...>
Subject: [FT897] Re: Antenna
To: FT897@yahoogroups.com
Date: Tuesday, 23 November, 2010, 18:30

Randy,

Out of ignorance of antenna theory and HF in general I realize I didn't leave enough information. I am not into DXing. However, this fire dept is in a rural mountain area down in a valley. We have not even been able to hit a 2m repeater yet, so we need to know how to get out of the valley on ,probably, 20-40-80. Thank you for your response.

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:

>

> You could search the archives to see if you asked the question. Of

> course, I could too, but I'll ask questions instead. <grin>

>

> How are you planning to use the radio?

>

> Are you looking for backpack, portable, mobile, marine, and/or base.

>

> What restrictions do you have, such as length, height, CC&R, and money?

>

> Can you put up a large tower or two?

>

> Do you live on a mountain top, or between a rock and a hard place. (Red

> Mountain started in my back yard, and Sandstone Ridge was across the

> street. Here's where I break out in Hank William's "Down in the
> Valley.")
>
> Are you willing to have more than one antenna. For instance, if it is
> for mobile, would you be willing to have a seperate VHF/UHF antenna?
>
> Do you want a highly directional antenna? Will you need to rotate it?
>
> 73, Randy - KG4JIX
>
>
> On Sunday 11 March 2007 08:17 pm, Ross wrote:
> > Please forgive me if I've posted this question before; I just don't
> > remember. I am planning to purchase the 897D. I want to make sure
> > to get the correct antenna that will do all the radio is capable of
> > doing. Would anyone care to overlook my forgetfullness if I've asked
> > this question before, and give me some advice, recommendations, or
> > warnings?
> >
> > Thank you for any help you can be.
> > Ross
> > KI6HSI
>
[Non-text portions of this message have been removed]

31847. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 15:21:27 UTC
From: Radio_Randy
Topic: 16351   Message: 31847

Actually, the U.S. military does not own the HF bands.

The FCC regulates one portion of HF while the NTIA regulates another.

While the FCC can shut the bands (in the U.S.) down for war and other national emergencies, we are still the primary users on our little slices of heaven.

I believe the only HF band we currently "share" is 60 meters.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Guys
> The military has overhaul use of the Hf bands.
> what makes you think it's just for radio amateurs, what about the bands between the amateur bands who do you think just might control the specrum of radio.
> radio's like a yaesu ft897 is compact it is also capable of operating over the whole HF frequncy bandwidth from 100khz to 30 Mhz.
> we are not alone on the HF bands.Â robert.Â Â Â
>
> --- On Wed, 24/11/10, DALE <wa7ixk@...> wrote:
>
> From: DALE <wa7ixk@...>
> Subject: Re: [FT897] Re: Antenna
> To: FT897@yahoogroups.com
> Date: Wednesday, 24 November, 2010, 0:46
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> He did not indicate other agencies had Ham HF radio and Ham operators on duty.

>
> Fire Departments are getting Ham radio HF sets for emergencies it is not quite what ham radio was intended.
>
> If they need other communications there is a way. If they need it Agencies can furnish it. They could check FEMA. They have a lot better HF radios than Ham radios are.
>
> I have seen Ham radio stations installed in Fire houses for licensed Hams to operate for recreation.
>
> Dale
>
>
>
> ----- Original Message -----
>
> From: "Carl Wulfestieg" <ag4ls@...>
>
> To: FT897@yahoogroups.com
>
> Sent: Tuesday, November 23, 2010 2:55:43 PM
>
> Subject: Re: [FT897] Re: Antenna
>
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>
> Dale-
>
> He's trying to help provide emergency communications between his local Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.
>
> 73 Carl WZ4CW
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> [Non-text portions of this message have been removed]
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31848. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 15:33:53 UTC
From: Charles Scott
Topic: 16351 Message: 31848

Dale:

Unfortunately this is one myth that's taking a long time to die. Regional HF communications using NVIS can in fact be very reliable. It's all a matter of using the right antenna and selecting the right band. Having done that, there should be almost no time you can't establish reliable communications over a several-hundred mile radius, and often more. Many Hams don't believe this because they're used to using beams and vertical antennas that radiate at lower angles. NVIS uses antennas that radiate at high angles and take advantage of strong reflections and short paths to avoid absorption. Also, using antennas that are not sensitive to low-angle signals reduces noise and distant interference.

It's all a matter of band selection and using an antenna optimized for high radiation angles. In fact most HF dipoles used by Hams would be fine. Using the right band for the current conditions for FoF2 (which is a bit below MUF and nearly always somewhere from 160 through 40 Meters) will net you remarkably strong and reliable signals. From experience, we have as yet to have any exercise where we could not communicate reliably across our 17 county area with HF NVIS, including using simple temporary antennas and equipment (for which the FT-897 is perfectly suited).

The nice thing about this is that NVIS propagation will get you over hills and into valleys, and it's easy to setup an antenna for NVIS even if everything has been destroyed. This is why it's the best last-resort regional communications method for emergency/disaster communications--and frankly the first thing any E-Comm group should consider having available. Communications can be reliable and re-established regardless of any repeater or system loss.

Let's face it, fire departments and other emergency services are not familiar with HF communications and the regular training required for them to implement such systems, particularly to setup systems when others are destroyed, is an expense and a distraction they can't afford. Heck, they are hardly able to stay familiar enough with their primary communications systems to deal with required changes in emergencies when those systems get overloaded.

Yes, Ham Radio is a hobby, but Part 97, Subpart A, 97.1 (a) states... "Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications." This, the very first part of our FCC rules for Ham Radio, is a pretty clear statement of a primary reason we're blessed with as much spectrum as we have.

We can go into a long discussion about this, but that's outside the purpose of this list. Suffice it to say that in answer to the original post, NVIS HF is the solution he was looking for and Ham Radio communications to aid his local fire department and emergency services is not only appropriate for Ham Radio, but necessary.

Chuck - N8DNX

On 11/23/2010 2:05 PM, DALE wrote:
> Do you have any one you know to contact in an emergency. What kind of emergency?
> Emergencies can happen any time, HF propagation is iffy most of the time.
> If it is a fire department there should be other means to get emergency radio communications set up.
> Ham radio is a hobby, not a emergency service.
> Dale

31849. Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 17:03:38 UTC
From: dzrtram
Topic: 16351 Message: 31849

I don't know anything about what the military uses and does not use, but our technician for our emergency group is a supervisor for Homeland Security and a former Green Beret in Vietnam. He says they used NVIS in the jungles in Vietnam because it cut through the smoke, etc. I know that during the fires here in San Diego the thick smoke really cuts down on UHF/VHF reliablilty.

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Actually, the U.S. military does not own the HF bands.
>
> The FCC regulates one portion of HF while the NTIA regulates another.
>
> While the FCC can shut the bands (in the U.S.) down for war and other national emergencies, we are still the primary users on our little slices of heaven.
>
> I believe the only HF band we currently "share" is 60 meters.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@> wrote:
> >
> > Hi Guys
> > The military has overhaul use of the Hf bands.
> > what makes you think it's just for radio amateurs, what about the bands between the amateur bands who do you think just might control the specrum of radio.
> > radio's like a yaesu ft897 is compact it is also capable of operating over the whole HF frequncy bandwidth from 100khz to 30 Mhz.
> > we are not alone on the HF bands.Â robert.Â Â Â
> >
> > --- On Wed, 24/11/10, DALE <wa7ixk@> wrote:
> >
> > From: DALE <wa7ixk@>
> > Subject: Re: [FT897] Re: Antenna
> > To: FT897@yahoogroups.com
> > Date: Wednesday, 24 November, 2010, 0:46
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> > He did not indicate other agencies had Ham HF radio and Ham operators on duty.
> >
> > Fire Departments are getting Ham radio HF sets for emergencies it is not quite what ham radio was intended.
> >
> > If they need other communications there is a way. If they need it Agencies can furnish it. They could check FEMA. They have a lot better HF radios than Ham radios are.
> >
> > I have seen Ham radio stations installed in Fire houses for licensed Hams to operate for recreation.
> >
> > Dale
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> >
> > ----- Original Message -----
> >
> > From: "Carl Wulfestieg" <ag4ls@>
> >
> > To: FT897@yahoogroups.com
> >
> > Sent: Tuesday, November 23, 2010 2:55:43 PM
> >
> > Subject: Re: [FT897] Re: Antenna
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> >
> > Dale-
> >
> > He's trying to help provide emergency communications between his local Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.
> >
> > 73 Carl WZ4CW
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> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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31850. Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-24 17:07:11 UTC
From: dzrtram
Topic: 31850 Message: 31850

Ohmigosh, Ham not used in emergency use. Tell that to RACES, ARES, any OES, thousands of local radio groups, and on and on and on. One big reason for HF is to keep in touch with our OES, and to communicate with emergency groups within a 200 mile radius during the terrible fires and earthquakes. Where did the idea that ham is not used for emergencies come from? Even the ARRL has literature on emergency radio.

31851. Re: [FT897] Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-24 18:24:07 UTC
From: Larry Miller
Topic: 31850 Message: 31851

I thought the same thing. "Ham radio is not for emergency !!!!! ...I knew he would be getting a lot of emails about that statement ! Just had to jump in and add my 2 cents.
Larry / nr3r

On Wed Nov 24th, 2010 12:07 PM EST dzrtram wrote:

>Ohmigosh, Ham not used in emergency use. Tell that to RACES, ARES, any OES, thousands of local radio groups, and on and on and on. One big reason for HF is to keep in touch with our OES, and to communicate with emergency groups within a 200 mile radius during the terrible fires and earthquakes. Where did the idea that ham is not used for emergencies come from? Even the ARRL has literature on emergency radio.
>

31852. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 19:48:26 UTC
From: DALE
Topic: 16351 Message: 31852

The military has better success with NVIS because they have a larger range of frequencies they can operate. on. They know what they are doing with tested equipment and antenna's. I use the USMC Field manuals . They are better than all the hearsay going around on the lists.
Hams are restricted to the Ham bands , leaving gaps.
You just cannot pick up the mike and make reliable contacts.
Dale

----- Original Message -----
From: "Charles Scott" <cscott@...>
To: FT897@yahoogroups.com
Sent: Wednesday, November 24, 2010 7:33:53 AM
Subject: Re: [FT897] Re: Antenna

Dale:

Unfortunately this is one myth that's taking a long time to die.
Regional HF communications using NVIS can in fact be very reliable. It's all a matter of using the right antenna and selecting the right band. Having done that, there should be almost no time you can't establish reliable communications over a several-hundred mile radius, and often more. Many Hams don't believe this because they're used to using beams and vertical antennas that radiate at lower angles. NVIS uses antennas that radiate at high angles and take advantage of strong reflections and short paths to avoid absorption. Also, using antennas that are not sensitive to low-angle signals reduces noise and distant interference.

'-.-'---

[Non-text portions of this message have been removed]

31853. Re: [FT897] Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-24 20:00:29 UTC
From: DALE
Topic: 31850 Message: 31853

Ham radio can be and is used for emergency purpose, but is is a hobby. Emergency is not its main and sole purpose. Some of the Agencies are installing Ham radio for their own emergency purposes and training emplyees to be Hams so they can legally operate.
There are other ways they could do this.
Dale

----- Original Message -----
From: "Larry Miller" <nr3r15@...m>
To: ft897@yahoogroups.com
Sent: Wednesday, November 24, 2010 10:24:07 AM
Subject: Re: [FT897] Emergency Use

I thought the same thing. "Ham radio is not for emergency !!!!! ...I knew he would be getting a lot of emails about that statement ! Just had to jump in and add my 2 cents.
Larry / nr3r

On Wed Nov 24th, 2010 12:07 PM EST dzrtram wrote:

>Ohmigosh, Ham not used in emergency use. Tell that to RACES, ARES, any OES, thousands of local radio groups, and on and on and on. One big reason for HF is to keep in touch with our OES, and to communicate with emergency groups within a 200 mile radius during the terrible fires and earthquakes. Where did the idea that ham is not used for emergencies come from? Even the ARRL has literature on emergency radio.
>

[Non-text portions of this message have been removed]

31854. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-24 21:47:38 UTC
From: graham787
Topic: 31850 Message: 31854

Yes it is getting a little paranoiac, with all the data modes bent on sending e-mails , not too bad this side of the pond .. yet

--- In FT897@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
> Ham radio can be and is used for emergency purpose, but is is a hobby. Emergency is not its main and sole purpose. Some of the Agencies are installing Ham radio for their own emergency purposes and training emplyees to be Hams so they can legally operate.
> There are other ways they could do this.
> Dale
>
>
>
> ----- Original Message -----
> From: "Larry Miller" <nr3r15@...>
> To: ft897@yahoogroups.com
> Sent: Wednesday, November 24, 2010 10:24:07 AM
> Subject: Re: [FT897] Emergency Use
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> I thought the same thing. "Ham radio is not for emergency !!!!! ...I knew he would be getting a lot of emails about that statement ! Just had to jump in and add my 2 cents.
> Larry / nr3r
>
> On Wed Nov 24th, 2010 12:07 PM EST dzrtram wrote:
>
> >Ohmigosh, Ham not used in emergency use. Tell that to RACES, ARES, any OES, thousands of local radio groups, and on and on and on. One big reason for HF is to keep in touch with our OES, and to communicate with emergency groups within a 200 mile radius during the terrible fires and earthquakes. Where did the idea that ham is not used for emergencies come from? Even the ARRL has literature on emergency radio.
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> [Non-text portions of this message have been removed]
>

31855. Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-24 21:51:02 UTC
From: graham787
Topic: 31855 Message: 31855

Q What is the expected AM performance supposed to be ?

Mine seems to be low and clipped , did a full s/w reset and that helped a bit , but the audio is very low , carrier is set to 25 watts as the book

I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not convinced its working as should ?

Any ideas ?

tnx-G.

31856. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 21:58:20 UTC
From: Charles Scott
Topic: 16351 Message: 31856

Dale:

That's true, you can't just pick up a mic and make reliable HF NVIS contacts unless you are actively sounding with ALE (automatic link establishment) or similar to get the best band (see HFLINK for a Ham ALE system). You can, however, have a protocol that lets you establish which is the correct band. That protocol can't be entirely based on getting the current FoF2 data from the Internet, which of course may not be available. Instead it may need to be discovered operationally, and if you're not doing sounding you just need appropriate operating procedures.

I would have to disagree, though, that we don't have the necessary bands to operate reliably using NVIS. It's not hearsay, it's experience. In our years of E-Comm work we have never seen a time where at least one band was usable for NVIS. I believe most people who have made any reasonable effort to evaluate NVIS will tell you this is true. This is actually where the 60 Meter band comes in handy at times because it does bridge a gap that might be a problem otherwise. Also keep in mind that in a disaster you may not be limited to the designated Ham bands.

I would also contend that you don't have other options for hilly or otherwise obstructed terrain. If repeater assets or other communications are unavailable due to power, damage, or interference, short of installing new repeaters or other relays (would could consume limited manpower resources) it's going to be NVIS. It's really that simple.

Again, all of this points to needing more experienced communications people to do the job -- meaning Hams.

Chuck - N8DNX

On 11/24/2010 2:48 PM, DALE wrote:
> The military has better success with NVIS because they have a larger range of frequencies they can operate. on. They know what they are doing with tested equipment and antenna's.
> I use the USMC Field manuals . They are better than all the hearsay going around on the lists.
> Hams are restricted to the Ham bands , leaving gaps.
> You just cannot pick up the mike and make reliable contacts.
> Dale
>

31857. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-24 22:11:22 UTC
From: Charles Scott
Topic: 16351 Message: 31857

All:

I need to correct one sentence.

"In our years of E-Comm work we have never seen a time where at least
one band was usable for NVIS."

should have been...

"In our years of E-Comm work we have never seen a time where there
wasn't at least one band usable for NVIS."

Proof reading does help. :)

Chuck - N8DNX

On 11/24/2010 4:58 PM, Charles Scott wrote:
> ...
> I would have to disagree, though, that we don't have the necessary bands
> to operate reliably using NVIS. It's not hearsay, it's experience. In
> our years of E-Comm work we have never seen a time where at least one
> band was usable for NVIS. I believe most people who have made any
> reasonable effort to evaluate NVIS will tell you this is true. This is
> actually where the 60 Meter band comes in handy at times because it does
> bridge a gap that might be a problem otherwise. Also keep in mind that
> in a disaster you may not be limited to the designated Ham bands.
> ...

31858. RE: [FT897] Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-24 23:10:46 UTC
From: eric@van-de-weyer.org
Topic: 31855 Message: 31858

Hi Graham,

do you have the 6kHz AM filter installed in your radio? If not, the radio
just uses the built in filters (LC or RC) on AM and the quality suffers.
To get really good quality you need the 6kHz filter installed as it is used
on both Rx and Tx.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "graham787" <g0nbd@...>
>Date: Wed, 24 Nov 2010 21:51:02 -0000
>Subject: [FT897] Poor AM modulation
>Reply-To: FT897@yahoogroups.com
>
>
>Q What is the expected AM performance supposed to be ?
>
>Mine seems to be low and clipped , did a full s/w reset and that

>helped a bit , but the audio is very low , carrier is set to 25 watts
> as the book
>
>I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not
> convinced its working as should ?
>
>Any ideas ?
>
>tnx-G.
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>------------------------------------
>
>Yahoo! Groups Links
>
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>

31859. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-25 04:44:50 UTC
From: Steve Yates
Topic: 31855 Message: 31859

Hi G.,

The bass inherent with the stock microphone does not work well with the low level modulation of solid state rigs like the FT-897D. It will cause distortion. These rigs are SSB rigs that do AM on the side. Flipping the switch on the back of the microphone to #2 will help somewhat. However, with the proper microphone the AM quality can be excellent. I have an Astatic 10-DA element and a D-104 element with a home brew FET impedance buffer in the base and the old timer AM guys on 7160 kHz and 3880 kHz say it sounds as good as any AM boat anchor. These old microphone elements tend to have a much higher frequency response then dynamic microphones. A Heil element may perform the same. It is the bass response that screws up the quality on AM with the FT-897D.

73,
Steve - AA5TB

--- In FT897@...m, "graham787" <g0nbd@...> wrote:
>
> Q What is the expected AM performance supposed to be ?
>
> Mine seems to be low and clipped , did a full s/w reset and that helped a bit , but the audio is very low , carrier is set to 25 watts as the book
>
> I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not convinced its working as should ?
>
> Any ideas ?
>
> tnx-G.
>

31860. Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 14:04:50 UTC
From: Travis Burgess
Topic: 16351 Message: 31860

Re: NVIS antennas; I found this after about a one minute search.
http://www.vcars.org/tech/NVIS.html Seems to be an extremely simple design and one that should fill the bill.

Travis
KF5HSE

"WHEN LIBERTY DIES IN AMERICA, IT DIES FOREVER IN THE WORLD." Dr. Walter Williams Economist

[Non-text portions of this message have been removed]

31861. RE: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 16:21:58 UTC
From: Mike Ernst
Topic: 16351 Message: 31861

One amplification to this ☐ The FCC only ☐regulates☐ the communications on the bands. They do not assign or own the Ham Radio Bands. Within the NTIA is the Office of Spectrum Management. They are the ones that formulate and establish plans for the use of the spectrum for all federal agencies. (The FCC is a federal agency.)

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Radio_Randy
Sent: Wednesday, November 24, 2010 10:21 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Antenna

Actually, the U.S. military does not own the HF bands.

The FCC regulates one portion of HF while the NTIA regulates another.

While the FCC can shut the bands (in the U.S.) down for war and other national emergencies, we are still the primary users on our little slices of heaven.

I believe the only HF band we currently "share" is 60 meters.

73, Randy N7CKJ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Guys
> The military has overhaul use of the Hf bands.
> what makes you think it's just for radio amateurs, what about the bands between the amateur bands who do you think just might control the specrum of radio.
> radio's like a yaesu ft897 is compact it is also capable of operating over the whole HF frequncy bandwidth from 100khz to 30 Mhz.
> we are not alone on the HF bands.Â robert.Â Â Â
>
> --- On Wed, 24/11/10, DALE <wa7ixk@...> wrote:
>
> From: DALE <wa7ixk@...>
> Subject: Re: [FT897] Re: Antenna
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

> Date: Wednesday, 24 November, 2010, 0:46
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> He did not indicate other agencies had Ham HF radio and Ham operators on
duty.
>
> Fire Departments are getting Ham radio HF sets for emergencies it is not
quite what ham radio was intended.
>
> If they need other communications there is a way. If they need it Agencies
can furnish it. They could check FEMA. They have a lot better HF radios than
Ham radios are.
>
> I have seen Ham radio stations installed in Fire houses for licensed Hams
to operate for recreation.
>
> Dale
>
>
>
> ----- Original Message -----
>
> From: "Carl Wulfestieg" <ag4ls@...>
>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>
> Sent: Tuesday, November 23, 2010 2:55:43 PM
>
> Subject: Re: [FT897] Re: Antenna
>
>
>
> Dale-
>
> He's trying to help provide emergency communications between his local

Fire Department and other agencies within a 200-300 mile radius. The Fire Department station is located in a valley surrounded by mountains. Therefore, VHF and UHF are not workable. He's exploring the possibility of using one or more dipole antennas in a NVIS configuration. While it's true that amateur radio is a hobby, it often is asked to provide a public service at times. That is one reason that RACES and ARES exist.

> 73 Carl WZ4CW

> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

31862. RE: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 16:27:31 UTC
From: Mike Ernst
Topic: 16351 Message: 31862

Chuck,

I totally agree with your comments and would add one additional thought. While Amateur Radio operators consider this to be a hobby, that word does not appear anywhere in our governing document ☐ FCC Part 97. It states the following:

· §97.1 Basis and purpose.-
<http://www.arrl.org/part-97-amateur-radio>

The rules and regulations in this Part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

(a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.

(b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.

(c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communications and technical phases of the art.

(d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.

(e) Continuation and extension of the amateur's unique ability to enhance international goodwill.

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Charles Scott
Sent: Wednesday, November 24, 2010 10:34 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Antenna

Dale:

Unfortunately this is one myth that's taking a long time to die. Regional HF communications using NVIS can in fact be very reliable. It's all a matter of using the right antenna and selecting the right band. Having done that, there should be almost no time you can't establish

reliable communications over a several-hundred mile radius, and often more. Many Hams don't believe this because they're used to using beams and vertical antennas that radiate at lower angles. NVIS uses antennas that radiate at high angles and take advantage of strong reflections and short paths to avoid absorption. Also, using antennas that are not sensitive to low-angle signals reduces noise and distant interference.

It's all a matter of band selection and using an antenna optimized for high radiation angles. In fact most HF dipoles used by Hams would be fine. Using the right band for the current conditions for FoF2 (which is a bit below MUF and nearly always somewhere from 160 through 40 Meters) will net you remarkably strong and reliable signals. From experience, we have as yet to have any exercise where we could not communicate reliably across our 17 county area with HF NVIS, including using simple temporary antennas and equipment (for which the FT-897 is perfectly suited).

The nice thing about this is that NVIS propagation will get you over hills and into valleys, and it's easy to setup an antenna for NVIS even if everything has been destroyed. This is why it's the best last-resort regional communications method for emergency/disaster communications--and frankly the first thing any E-Comm group should consider having available. Communications can be reliable and re-established regardless of any repeater or system loss.

Let's face it, fire departments and other emergency services are not familiar with HF communications and the regular training required for them to implement such systems, particularly to setup systems when others are destroyed, is an expense and a distraction they can't afford. Heck, they are hardly able to stay familiar enough with their primary communications systems to deal with required changes in emergencies when those systems get overloaded.

Yes, Ham Radio is a hobby, but Part 97, Subpart A, 97.1 (a) states... "Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications." This, the very first part of our FCC rules for Ham Radio, is a pretty clear statement of a primary reason we're blessed with as much spectrum as we have.

We can go into a long discussion about this, but that's outside the purpose of this list. Suffice it to say that in answer to the original post, NVIS HF is the solution he was looking for and Ham Radio communications to aid his local fire department and emergency services is not only appropriate for Ham Radio, but necessary.

Chuck - N8DNX

On 11/23/2010 2:05 PM, DALE wrote:
> Do you have any one you know to contact in an emergency. What kind of emergency?
> Emergencies can happen any time, HF propagation is iffy most of the time.
> If it is a fire department there should be other means to get emergency

radio communications set up.
> Ham radio is a hobby, not a emergency service.
> Dale

[Non-text portions of this message have been removed]

31863. RE: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 16:51:59 UTC
From: Mike Ernst
Topic: 16351 Message: 31863

Dale,

I do not think it is a true statement that the military has a larger range of frequencies. Even if you combine all of the branches (Army, Navy, Air Force, Marines and Coast Guard) and all of the uses it is not all that large. If you look at the spectrum, the military has a lot less frequency than Ham Radio. Take a look at the radio spectrum chart at:

http://www.ntia.doc.gov/osmhome/allochrt.pdf.

Additionally, the ground forces of the military primarily want close in communications. If the signal goes too far it's a bad thing - keep in mind the enemy is listening. That is why they have done so much research into NVIS. I just retired from the military after 34 years of service. As a commander one of my concerns was a little thing called SIGSEC (signal security). We taught our radio users to keep transmissions very short. Most enemy had the ability to lock in Artillery fire on your antenna if you transmitted more than 9 seconds (rule of thumb). So there were entirely different purposes for radio communications, and therefore entirely different needs from an antenna.

In the case of mobile antennas (whips) being bent over and tied down, there are a few things to keep in mind. First of all this was often used for inter convoy communications - not long range. Long range military antennas were more often base station antennas. Also they were usually using one brand of mobile antenna on one type of vehicle (such as a whip on a HMMWV or before that on a jeep.) This was a tried and tested system. In the world of Ham radio, we have a large number of mobile antennas and hundreds of makes and models of cars that we put them one.

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DALE
Sent: Wednesday, November 24, 2010 2:48 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Antenna

The military has better success with NVIS because they have a larger range of frequencies they can operate. on. They know what they are doing with tested equipment and antenna's.
I use the USMC Field manuals . They are better than all the hearsay going around on the lists.
Hams are restricted to the Ham bands , leaving gaps.
You just cannot pick up the mike and make reliable contacts.

Dale

----- Original Message -----
From: "Charles Scott" <cscott@...
<mailto:cscott%40gaslightmedia.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Wednesday, November 24, 2010 7:33:53 AM
Subject: Re: [FT897] Re: Antenna

Dale:

Unfortunately this is one myth that's taking a long time to die.
Regional HF communications using NVIS can in fact be very reliable. It's
all a matter of using the right antenna and selecting the right band.
Having done that, there should be almost no time you can't establish
reliable communications over a several-hundred mile radius, and often
more. Many Hams don't believe this because they're used to using beams
and vertical antennas that radiate at lower angles. NVIS uses antennas
that radiate at high angles and take advantage of strong reflections and
short paths to avoid absorption. Also, using antennas that are not
sensitive to low-angle signals reduces noise and distant interference.

'-.-'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31864. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 17:18:18 UTC
From: Gary Altig
Topic: 16351 Message: 31864

DE N7UVL,
To further put the FCC at a disadvantage concerning the control
of HF Frequencies is the ITU - the Telecommunications Union
office of the UN that is the world authority./ga

----- Original Message -----
From: Mike Ernst<mailto:ae8u@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, November 25, 2010 8:21 AM
Subject: RE: [FT897] Re: Antenna

One amplification to this - The FCC only "regulates" the communications on
the bands. They do not assign or own the Ham Radio Bands. Within the NTIA is
the Office of Spectrum Management. They are the ones that formulate and
establish plans for the use of the spectrum for all federal agencies. (The
FCC is a federal agency.)

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number
of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
Radio_Randy
Sent: Wednesday, November 24, 2010 10:21 AM
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] Re: Antenna

Actually, the U.S. military does not own the HF bands.

The FCC regulates one portion of HF while the NTIA regulates another.

While the FCC can shut the bands (in the U.S.) down for war and other
national emergencies, we are still the primary users on our little slices of
heaven.

I believe the only HF band we currently "share" is 60 meters.

73, Randy N7CKJ

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> , ROBERT FAREY
<robert.farey@...> wrote:
>
> Hi Guys
> The military has overhaul use of the Hf bands.
> what makes you think it's just for radio amateurs, what about the bands

between the amateur bands who do you think just might control the specrum of radio.
> radio's like a yaesu ft897 is compact it is also capable of operating over the whole HF frequncy bandwidth from 100khz to 30 Mhz.
> we are not alone on the HF bands.Â robert.Â Â Â
>
> --- On Wed, 24/11/10, DALE <wa7ixk@...> wrote:
>
> From: DALE <wa7ixk@...>
> Subject: Re: [FT897] Re: Antenna
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>
> Date: Wednesday, 24 November, 2010, 0:46
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>
> He did not indicate other agencies had Ham HF radio and Ham operators on duty.
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> Fire Departments are getting Ham radio HF sets for emergencies it is not quite what ham radio was intended.
>
> If they need other communications there is a way. If they need it Agencies can furnish it. They could check FEMA. They have a lot better HF radios than Ham radios are.
>
> I have seen Ham radio stations installed in Fire houses for licensed Hams to operate for recreation.
>
> Dale
>
>
>
> ----- Original Message -----
>

> From: "Carl Wulfestieg" <ag4ls@...>
>
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
>
> Sent: Tuesday, November 23, 2010 2:55:43 PM
>
> Subject: Re: [FT897] Re: Antenna
>
>
>
> Dale-
>
> He's trying to help provide emergency communications between his local
Fire Department and other agencies within a 200-300 mile radius. The Fire
Department station is located in a valley surrounded by mountains.
Therefore, VHF and UHF are not workable. He's exploring the possibility of
using one or more dipole antennas in a NVIS configuration. While it's true
that amateur radio is a hobby, it often is asked to provide a public service
at times. That is one reason that RACES and ARES exist.
>
> 73 Carl WZ4CW
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31865. RE: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-25 17:39:45 UTC
From: Mike Ernst
Topic: 16351 Message: 31865

Gary,

The ITU is part of the United Nations - and as such has no ☐authority☐. They are not the world authority. Countries choose to belong to the UN or not. The ITU has the mission of trying to coordinate the shared global use of the spectrum. But they do so through ☐diplomacy☐ not through authority.

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Gary Altig
Sent: Thursday, November 25, 2010 12:18 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Antenna

DE N7UVL,
To further put the FCC at a disadvantage concerning the control of HF Frequencies is the ITU - the Telecommunications Union office of the UN that is the world authority./ga

----- Original Message -----
From: Mike Ernst<mailto:ae8u@... <mailto:ae8u%40fuse.net> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> >
Sent: Thursday, November 25, 2010 8:21 AM
Subject: RE: [FT897] Re: Antenna

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Mike Ernst, AE8U

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Radio_Randy
Sent: Wednesday, November 24, 2010 10:21 AM

To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
Subject: [FT897] Re: Antenna

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The FCC regulates one portion of HF while the NTIA regulates another.

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I believe the only HF band we currently "share" is 60 meters.

73, Randy N7CKJ

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FAREY
<robert.farey@...> wrote:
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> Hi Guys
> The military has overhaul use of the Hf bands.
> what makes you think it's just for radio amateurs, what about the bands
between the amateur bands who do you think just might control the specrum of
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the whole HF frequncy bandwidth from 100khz to 30 Mhz.
> we are not alone on the HF bands.Â Â
Â Â Â Â Â Â Â robert.Â Â Â
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> --- On Wed, 24/11/10, DALE <wa7ixk@...> wrote:
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> From: DALE <wa7ixk@...>
> Subject: Re: [FT897] Re: Antenna
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>
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> He did not indicate other agencies had Ham HF radio and Ham operators on
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> Fire Departments are getting Ham radio HF sets for emergencies it is not
quite what ham radio was intended.
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> If they need other communications there is a way. If they need it Agencies
can furnish it. They could check FEMA. They have a lot better HF radios than
Ham radios are.
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to operate for recreation.
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> From: "Carl Wulfestieg" <ag4ls@...>
>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>
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> 73 Carl WZ4CW
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[Non-text portions of this message have been removed]

31866. Yaesu 897D, Stopped transmitting on SSB (LSB and USB)

Yahoo group: FT897 (2010)
Date: 2010-11-23 23:32:47 UTC
From: yaesu73
Topic: 31866 Message: 31866

My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything else seems to be fine, worked a few stations in CW no problem. I did a factory reset and went back through the menu to make sure everything was the same, good to go. I looked at filters and they were set fine. It shows no power out when keying the hand mike in SSB and a dummyload also confirms this but in any other mode all is well. I take this radio out for portable but nothing has been done different to it, it just stoped working in SSB (hand mike still works in AM/FM). Please help

V/R
Joseph

KI4ZXZ

31867. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-24 22:08:02 UTC
From: joe markey
Topic: 31850 Message: 31867

GE All,
I've been wondering about this incursion of new hams into the mix since the FCC has allowed people in the emergency field to be permitted to participate (while on the clock) in Emergency Drills. As a league VE, I think it is great to see new hams walk out with their CSCE's, however, it seems apparent that many of them are only doing it to fulfill and obligation to their employer and not for the love of the hobby. I hope that I am wrong in my assessment. I would also like to wish everyone a safe and happy Thanksgiving holiday!
73,

Joe M.

AJ4QM

Member: ARRL

Member: Assistant Horry County EC (ARES)

Certified:ARRL VE

Certified:SKYWARN (basic)

Member: GSARC(W4GS)

Member: SCHEART-RRT

Member: Echolink(Node#471430)

Member: NAQCC Member #4223

--- On Wed, 11/24/10, graham787 <g0nbd@...> wrote:

From: graham787 <g0nbd@...>
Subject: [FT897] Re: Emergency Use
To: FT897@yahoogroups.com
Date: Wednesday, November 24, 2010, 4:47 PM

Yes it is getting a little paranoiac, with all the data modes bent on sending e-mails , not too bad this side of the pond .. yet

[Non-text portions of this message have been removed]

31868. RE: [FT897] Yaesu 897D, Stopped transmitting on SSB (LSB and USB)

Yahoo group: FT897 (2010)
Date: 2010-11-25 20:41:48 UTC
From: eric@van-de-weyer.org
Topic: 31866 Message: 31868

Hi Joseph,

You are talking into the mic when you test, aren't you? You won't get any output until you do, of course.

73....Eric VK2VE

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "yaesu73" <yaesu73@...>
>Date: Tue, 23 Nov 2010 23:32:47 -0000
>Subject: [FT897] Yaesu 897D, Stopped transmitting on SSB (LSB and USB)
>Reply-To: FT897@yahoogroups.com
>
>
>My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything else seems
>to be fine, worked a few stations in CW no problem. I did a factory reset
>and went back through the menu to make sure everything was the same, good
>to go. I looked at filters and they were set fine. It shows no power out
>when keying the hand mike in SSB and a dummyload also confirms this but in
>any other mode all is well. I take this radio out for portable but nothing
>has been done different to it, it just stoped working in SSB (hand mike still
>works in AM/FM). Please help
>
>V/R
>Joseph
>
>KI4ZXZ
>
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>----------
>
>Yahoo! Groups Links
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>

31869. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-25 20:49:30 UTC
From: eric@van-de-weyer.org
Topic: 31850 Message: 31869

Hi Joe,

And so what if they are, they may develop a further interest out of it.

We have quite a few people get their licences through our club who are doing
it for other reasons, such as yachties and we had one at our last course
who restores old military vehicles and wants to be able to use the radios.

I say, good on them. Every one of them is an extra one which adds to our
justification for the bands we have access to.

It's the same for the ISS astronauts, some ofthem are already hams and do
it for the love of it but others do it just so that they can continue the
school contacts which allow so many kids to get a taste of Amateur Radio,
a few of whom may go on to get licenced themselves as a result.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: joe markey <joem41577@...>
>Date: Wed, 24 Nov 2010 14:08:02 -0800 (PST)
>Subject: Re: [FT897] Re: Emergency Use
>Reply-To: FT897@yahoogroups.com
>
>
>GE All,
>I've been wondering about this incursion of new hams into the mix since
the
>FCC has allowed people in the emergency field to be permitted to participate
>(while on the clock) in Emergency Drills.? As a league VE, I think it is
>great to see new hams walk out with their CSCE's, however, it seems apparent
>that many of them are only doing it to fulfill and obligation to their employer
>and not for the love of the hobby.? I hope that I am wrong in my assessment.?
>I would also like to wish everyone a safe and happy Thanksgiving holiday!
>73,
>
>Joe M.
>
>AJ4QM
>
>Member: ARRL
>
>Member: Assistant Horry County EC (ARES)
>
>Certified:ARRL VE

>
>Certified:SKYWARN (basic)
>
>Member: GSARC(W4GS)
>
>Member: SCHEART-RRT
>
>Member: Echolink(Node#471430)
>
>Member: NAQCC Member #4223
>
>--- On Wed, 11/24/10, graham787 <g0nbd@...> wrote:
>
>From: graham787 <g0nbd@...>
>Subject: [FT897] Re: Emergency Use
>To: FT897@yahoogroups.com
>Date: Wednesday, November 24, 2010, 4:47 PM
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> Yes it is getting a little paranoiac, with all the data modes
>bent on sending e-mails , not too bad this side of the pond .. yet?
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links

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31870. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-25 20:53:13 UTC
From: Radio_Randy
Topic: 31850 Message: 31870

Joe,

I AM an emergency communicator. I'm also a ham of some 29+ years.

Working for the State of Washington, I get paid to provide commercial communications services for wildland fires around the country. I'm also a volunteer in our local ARES chapter.

While it may appear counterproductive for folks to get their tickets just to fill their employer's needs, look on the positive side:

1. It increases the amateur ranks, thereby enhancing protection of our existing frequencies and bands.

2. It shows that more employers are beginning to recognize the value of the amateur radio service (otherwise, they'd just be trying to steal our bands).

As for the down side, we've seen many changes to amateur radio that were thought to negatively affect the hobby. Many folks thought the new Novice license would doom the hobby. The new Technician ticket ran into the same resistance. Let's not forget Novice Enhancement and the No-Code Tech changes in the 80's. Now, we've eliminated the Morse code requirement, entirely and cell phones and the Internet are considered threats.

The hobby has not only weathered these "attacks", but actually flourished because of them! Until I see a dramatic decrease in the number of hams in this country, or a sudden grab for many of our bands and frequencies, I'm not planning on losing sleep over it.

Maybe the rest of us shouldn't, either.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, joe markey <joem41577@...> wrote:
>
> GE All,
> I've been wondering about this incursion of new hams into the mix since the FCC has allowed people in the emergency field to be permitted to participate (while on the clock) in Emergency Drills. As a league VE, I think it is great to see new hams walk out with their CSCE's, however, it seems apparent that many of them are only doing it to fulfill and obligation to their employer and not for the love of the hobby. I hope that I am wrong in my assessment. I would also like to wish everyone a safe and happy Thanksgiving holiday!
> 73,
>
> Joe M.
>
> AJ4QM
>
> Member: ARRL

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>
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>
> Member: SCHEART-RRT
>
> Member: Echolink(Node#471430)
>
> Member: NAQCC Member #4223
>
> --- On Wed, 11/24/10, graham787 <g0nbd@...> wrote:
>
> From: graham787 <g0nbd@...>
> Subject: [FT897] Re: Emergency Use
> To: FT897@yahoogroups.com
> Date: Wednesday, November 24, 2010, 4:47 PM
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> Yes it is getting a little paranoiac, with all the data modes bent on sending e-mails , not too bad this side of the pond .. yet
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> [Non-text portions of this message have been removed]
>

31871. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-25 20:55:48 UTC
From: ke7adu
Topic: 31850 Message: 31871

I think the regulations make it clear that emergeny communications is one of the primary reasons amateur radio exists. I would also say that is why we still have the frequency allocations we have. I am sure there is money to be made by selling off our spectrum and the small number of hams are certainly not going to sway any political figures votes. It is our potential to provide emergency communications that keeps that spectrum available for our hobby.

To move on to the original question. Base on the tests our rural ARES group have done a 40/80 meter dipole at 20 feet or so should get you fairly reliable coverage. If you can add 160 to that even better. You will need to be sure the places you want to communicate with have similar capabilities.

FEMA has sent out HF rigs to cover all the EOCs in Idaho. However the contractor that is supposed ton install them still has not set them up. You might check and see if you state has some of this equipment. Its not ham but will provide HF links to your states emcom folks.

Hope some of this makes sense. My iPad is great for reading but can be a little challenging for typing longer replys.

Anthony
AE7HS

--- In FT897@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
> Ham radio can be and is used for emergency purpose, but is is a hobby. Emergency is not its main and sole purpose. Some of the Agencies are installing Ham radio for their own emergency purposes and training emplyees to be Hams so they can legally operate.
> There are other ways they could do this.
> Dale
>
>
>
> ----- Original Message -----
> From: "Larry Miller" <nr3r15@...>
> To: ft897@yahoogroups.com
> Sent: Wednesday, November 24, 2010 10:24:07 AM
> Subject: Re: [FT897] Emergency Use
>
>
>
>
>
>
>
> I thought the same thing. "Ham radio is not for emergency !!!!! ...I knew he would be getting a lot of emails about that statement ! Just had to jump in and add my 2 cents.

> Larry / nr3r
>
> On Wed Nov 24th, 2010 12:07 PM EST dzrtram wrote:
>
> >Ohmigosh, Ham not used in emergency use. Tell that to RACES, ARES, any OES, thousands of local radio groups, and on and on and on. One big reason for HF is to keep in touch with our OES, and to communicate with emergency groups within a 200 mile radius during the terrible fires and earthquakes. Where did the idea that ham is not used for emergencies come from? Even the ARRL has literature on emergency radio.
> >
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>
> [Non-text portions of this message have been removed]
>

31872. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-25 21:05:23 UTC
From: DALE
Topic: 31850 Message: 31872

Another slant on what another group wants to do for emergencies.
Info only. Just what is happening. Partial quote from long article.

You don't need to do all that -
or any of that -
because in the US
you don't have to have a license
to own the equipment -
(which is not the case in many other countries).
You just need to have the license
to operate the equipment.

In point of fact -
the US law says you don't even have to have a license -
to operate in a time of emergency -
like what we are talking about -
(which makes sense -
because no one would be checking any way.)

The VERY SPECIAL equipment that I am talking about
will be so simple that you will be able to take it out of the box -
and follow our simple instructions -
to have it working -
without having taken the course -
but it would be nice if you did take the course
so that you could practice - ahead of time.

The system we are designing
(and I am getting some very knowledgeable help about this)
is for our survival paradigm
rather than for the Ham hobbyist paradigm.

Let us compare the two.

Hams: want to be able to do as many things as possible.
(To be able to send Morse code -
to be able to send TV signals -
to be able to bounce signals off the moon -
To be able to transmit from their car or boat -
To be able to use the very wide spectrum of frequencies available to them.
To be able to communicate around the world.)

SAFE: Needs reliable communication over one bandwidth.

Hams: Often pay many thousands of dollars for their equipment.

SAFE: Needs an inexpensive system that can be obtained for under $200.

Hams: Want to learn and study complicated theory.

SAFE: Needs a very simple system that anyone can work as it comes out of the box.

HAMS: Have to be licensed and at the higher levels have to pass a very difficult test.

SAFE: Needs a system that can be operated by anyone at time of catastrophe.

HAMS: Except in time of emergency send messages of very little significant value. They are mostly of the "I hear you - do you hear me, variety".

SAFE: Needs to be able to reliably communicate critically important messages.

Not all Hams have all capabilities.
In point of fact -
most Hams work within a relative fixed range of skills -
although those skills differ from Ham to Ham.

Many Hams belong to different clubs
and organizations
that develop particular types of skills,
or who have particular types of equipment,
or who participate in specific activities -
oftentimes within a specific geographic area.

It takes lots of expensive equipment -
and very elaborate antenna systems -
plus years of study -
to be able to do everything.
Nevertheless, most any reasonably advanced Ham
will be able to communicate with the SAFE system -
AND -
there are many thousands of Hams who use practically no other system.

The SAFE System is a two way system.
You will be able to communicate with most Hams -
and most Hams will be able to communicate with you -
BUT they will have to do it with you
in the particular band -
using the particular method -
that SAFE has chosen.

I am planning to send out
another Newsletter
within the next couple of hours -
describing how the SAFE system works,

but first -
a grand overview of the ideal.

The SAFE Network is based upon our having
SAFE TEAM members
throughout North America.

The SAFE Ham Network system will be quite capable
of reaching say Europe -
if you wish to communicate with someone there.
It will be completely within the capability of your equipment.

But the SAFE purpose
is not the HAM purpose -
to rack up 'brownie points'
by being able to say you have talked to people -
in this far off place and that.

The purpose of the SAFE system
is to communicate critical and essential information -
at a time of catastrophe
when no other communication systems are working.

A time when -
the phone isn't working.
A time when the TV isn't working.
A time when there are no newspapers.
A time when the radio isn't working.

If you can't imagine such a time -
then you can't imagine a need for SAFE -
and the need for a SAFE Network system.

But if you can imagine such a time -
you may be able to imagine how
you might want to be able to hear
from the SAFE Network system -
how things are in some other specific locality.

You might be able to imagine how
you might want to be able to find out
a safe path from one locality to another.

You might be able to imagine how
you might wish to be able to inquire
how someone else is in a distant locality.

You might be able to imagine how
you might wish to let someone at a distance
know how things are in your locality.

You might be able to imagine how
you would like to be able to locate someone

with particular expertise
to help you solve a specific problem.

I could extend this list on and on -
but if you can imagine the above -
then you can imagine many, many reasons
why you would like to have a way of communication -
when there are no other ways of communication.

In the accompanying email
I will describe in detail
both the technical means
and the organizational means
by which the SAFE Network system
is being developed to work.

end of quote---------

----- Original Message -----
From: "joe markey" <joem41577@...>
To: FT897@yahoogroups.com
Sent: Wednesday, November 24, 2010 2:08:02 PM
Subject: Re: [FT897] Re: Emergency Use

GE All,
I've been wondering about this incursion of new hams into the mix since the FCC has allowed people in the emergency field to be permitted to participate (while on the clock) in Emergency Drills. As a league VE, I think it is great to see new hams walk out with their CSCE's, however, it seems apparent that many of them are only doing it to fulfill and obligation to their employer and not for the love of the hobby. I hope that I am wrong in my assessment. I would also like to wish everyone a safe and happy Thanksgiving holiday!
73,

Joe M.

AJ4QM

Member: ARRL

Member: Assistant Horry County EC (ARES)

Certified:ARRL VE

Certified:SKYWARN (basic)

Member: GSARC(W4GS)

Member: SCHEART-RRT

Member: Echolink(Node#471430)

Member: NAQCC Member #4223

--- On Wed, 11/24/10, graham787 < g0nbd@... > wrote:

From: graham787 < g0nbd@... >
Subject: [FT897] Re: Emergency Use
To: FT897@yahoogroups.com
Date: Wednesday, November 24, 2010, 4:47 PM

Yes it is getting a little paranoiac, with all the data modes bent on sending e-mails , not too bad this side of the pond .. yet

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

31873. Re: [FT897] Re: Antenna

Yahoo group: FT897 (2010)
Date: 2010-11-22 23:28:56 UTC
From: pradipto21@gmail.com
Topic: 16351 Message: 31873

Hi Stanton:

This is not an antenna group, so would it be possible for you to send the picture of yours to my personal addres?
Thanks for sharing!

didit pradito-yd1cfd
Powered by Telkomsel BlackBerry®

-----Original Message-----
From: Stanton Royce <extremeachievers@...>
Sender: FT897@yahoogroups.com
Date: Mon, 22 Nov 2010 11:04:26
To: <FT897@yahoogroups.com>
Reply-To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Antenna

Regarding a dipole and only one tree, think of this as is with cosmetic surgery. What God has made, man can change.

At 1 mile elevation but with 2,000 metre higher mountain peaks to my east and CCRs, I did what Larry recommends below with random wire about 100 metres long on a 1/3 acre lot. I bought 3 @ 12 feet long pressure treated 4x4s. (16-footers were relatively more expensive and heavy for me to handle alone.) I then extended them with 1x6 inch wood on 3 sides of the 4x4s, so with 4 feet of the 4x4 in the ground, the top of the assembly is just higher than 15 feet above ground. For camouflage I mounted two bird houses on the "stealth masts" and a pulley near the top inside the 3 sided extension. I presume Chris has no restrictions on appearance of the masts, so he could stick up about anything for one or both ends of the dipole support. The wire is #16 CU coated steel from the Wireman, painted with 4 different camouflage colors so the CU does not glow in the sun and there is no one long color section of wire to draw the eye to a continuous line in the sky. Chris could use a larger diameter wire with no concerns about CCRs or aesthetics(from a non-ham perspective).

With 100 watts PEP SSB in the CQ and ARRL SS this year, in only a few hours 6 hours of search and pounce in each event I worked 20+ countries around the world in the CQ and 65 of 80 ARRL sections. I could not compete in piles ups with high power amps and beam antennae, but could squeeze in between 2 high power stations and make contacts with others using 100 watts or less others were not hearing. By search and pounce I could work high power DX when I got to them before the mob arrived. I used 80 through 15 metres successfully for these, depending on time of day.I can also hear and be heard by stations around NM on 80 m in the state ARES net with the 100 w PEP.

Chris, without having to deal with zoning or CCRs, you can focus on operating versus design versus budget and work the world with whatever you erect.

Stanton Royce WW5Q

From: Larry Miller <nr3r15@...>
To: ft897@yahoogroups.com
Sent: Mon, November 22, 2010 7:59:09 AM
Subject: Re: [FT897] Re: Antenna

but he said there is only one tree there the rest is open space. makes it hard for the other end of a dipole. this is why i mentioned a verticle

larry / nr3r

On Mon Nov 22nd, 2010 8:05 AM EST Carl Wulfestieg wrote:

>Chris-
> Dipoles are a good suggestion. Relatively easy to make and inexpensive. If
>they are used as Near Vertical Incident Skywave (NVIS) antennas, by mounting
>them only 10 to 15 feet above ground, the "mountain valley" communication
>problem is solved.
>88 Carl WZ4CW, SKCC 918, FISTS 13491
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31874. Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-25 21:31:09 UTC
From: Radio_Randy
Topic: 31808 Message: 31874

Hank,

I just confirmed the connection between my PK-232MBX and FT-897D and am NOT experiencing the same problem. I did, however, determine that my cheap Rat Shack power adapter does not work with it, HI!

Why don't you double check your wiring? You might even reply to this and send us a pinout of your hookup between the units. Then, maybe we can help determine if it's a wiring error or not.

BTW, I don't know about the rest of you, but I get my interface cables from discarded mice and keyboards. Much cheaper than the factory cable, but you need to know what to look for.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.
>
> Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.
>
> 73,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

31875. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-25 21:39:04 UTC
From: graham787
Topic: 31855 Message: 31875

The set is as it came out of the box , thought it might of performed better , may be its faulty , the cpu reset trick is not re-asuring

G.

--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi Graham,
>
> do you have the 6kHz AM filter installed in your radio? If not, the radio
> just uses the built in filters (LC or RC) on AM and the quality suffers.
> To get really good quality you need the 6kHz filter installed as it is used
> on both Rx and Tx.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: "graham787" <g0nbd@...>
> >Date: Wed, 24 Nov 2010 21:51:02 -0000
> >Subject: [FT897] Poor AM modulation
> >Reply-To: FT897@yahoogroups.com
> > >
> > >
> > >Q What is the expected AM performance supposed to be ?
> > >
> > >Mine seems to be low and clipped , did a full s/w reset and that
> >
> > >helped a bit , but the audio is very low , carrier is set to 25 watts
> > > as the book
> > >
> > >I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not
> > > convinced its working as should ?
> > >
> > >Any ideas ?
> > >
> > >tnx-G.
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> > >Yahoo! Groups Links
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31876. Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-25 21:57:34 UTC
From: Radio_Randy
Topic: 31808 Message: 31876

Hank,

I almost forgot the simplest check.

Before doing anything else, disconnect everything but power and data connections to the PK-232. Then turn it on and see if it still kills the audio from your radio. That way, we can confirm the software is not at issue.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.
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>
> 73,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

31877. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-25 22:23:21 UTC
From: Chris Baker
Topic: 31850 Message: 31877

Request : Can we get back onto FT897 and discuss this between yourselfs for those outside Stateside?

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

[Non-text portions of this message have been removed]

31878. RE: [FT897] Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-25 22:27:47 UTC
From: Hank Lambert
Topic: 31808 Message: 31878

Hi Randy, thanks for the reply. I□m also thinking that the problem is with the data cable, so I ordered a pre-made cable from Buxcom. I should have the cable in a few days, and then I am going to try it again. I will post back my results when I try the new cable.

73,

Hank Lambert

KB4MTO/TA5ZC

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Radio_Randy
Sent: Thursday, November 25, 2010 4:31 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: PK-232MBX muting FT-897D audio

Hank,

I just confirmed the connection between my PK-232MBX and FT-897D and am NOT experiencing the same problem. I did, however, determine that my cheap Rat Shack power adapter does not work with it, HI!

Why don't you double check your wiring? You might even reply to this and send us a pinout of your hookup between the units. Then, maybe we can help determine if it's a wiring error or not.

BTW, I don't know about the rest of you, but I get my interface cables from discarded mice and keyboards. Much cheaper than the factory cable, but you need to know what to look for.

73, Randy N7CKJ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Hank" <hank@...> wrote:
>
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> Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.

>
> 73,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

[Non-text portions of this message have been removed]

31879. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-26 00:19:32 UTC
From: joe markey
Topic: 31850 Message: 31879

Eric,
This is an excellent point you make sir but my only issue with it is this: operating as control operator having a pecuniary interest is not amateur radio it then becomes commercial radio and hospitals and emergency responders already possess this equipment. I am all for bolstering the ranks but this seems to cross that line.

Joe M.

AJ4QM

Member: ARRL

Member: Assistant Horry County EC (ARES)

Certified:ARRL VE

Certified:SKYWARN (basic)

Member: GSARC(W4GS)

Member: SCHEART-RRT

Member: Echolink(Node#471430)

Member: NAQCC Member #4223

--- On Thu, 11/25/10, eric@van-de-weyer.org <eric@...> wrote:

From: eric@... <eric@van-de-weyer.org>
Subject: Re: [FT897] Re: Emergency Use
To: FT897@...m
Date: Thursday, November 25, 2010, 3:49 PM

Hi Joe,

And so what if they are, they may develop a further interest out of it.

We have quite a few people get their licences through our club who are doing

it for other reasons, such as yachties and we had one at our last course

who restores old military vehicles and wants to be able to use the radios.

I say, good on them. Every one of them is an extra one which adds to our

justification for the bands we have access to.

It's the same for the ISS astronauts, some ofthem are already hams and do

it for the love of it but others do it just so that they can continue the

school contacts which allow so many kids to get a taste of Amateur Radio,

a few of whom may go on to get licenced themselves as a result.

73....Eric VK2VE.

>-- Original Message --

>To: FT897@yahoogroups.com

>From: joe markey <joem41577@...>

>Date: Wed, 24 Nov 2010 14:08:02 -0800 (PST)

>Subject: Re: [FT897] Re: Emergency Use

>Reply-To: FT897@yahoogroups.com

>

>

>GE All,

>I've been wondering about this incursion of new hams into the mix since

the

>FCC has allowed people in the emergency field to be permitted to participate

>(while on the clock) in Emergency Drills.? As a league VE, I think it is

>great to see new hams walk out with their CSCE's, however, it seems apparent

>that many of them are only doing it to fulfill and obligation to their employer

>and not for the love of the hobby.? I hope that I am wrong in my assessment.?

>I would also like to wish everyone a safe and happy Thanksgiving holiday!

>73,

>

>Joe M.

>

>AJ4QM

>

>Member: ARRL

>

>Member: Assistant Horry County EC (ARES)

>

>Certified:ARRL VE

>

>Certified:SKYWARN (basic)

>

>Member: GSARC(W4GS)

>

>Member: SCHEART-RRT

>

>Member: Echolink(Node#471430)

>

>Member: NAQCC Member #4223

>

>--- On Wed, 11/24/10, graham787 <g0nbd@...> wrote:

>

>From: graham787 <g0nbd@...>

>Subject: [FT897] Re: Emergency Use

>To: FT897@yahoogroups.com

>Date: Wednesday, November 24, 2010, 4:47 PM

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> Yes it is getting a little paranoiac, with all the data modes

>bent on sending e-mails , not too bad this side of the pond .. yet?

>

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>[Non-text portions of this message have been removed]

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>------------------------------------

>

>Yahoo! Groups Links

>

>

>

[Non-text portions of this message have been removed]

31880. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-26 00:38:18 UTC
From: joe markey
Topic: 31850 Message: 31880

Dale,
Can you provide a link to this article? Thanks

Joe M.

AJ4QM

Member: ARRL

Member: Assistant Horry County EC (ARES)

Certified:ARRL VE

Certified:SKYWARN (basic)

Member: GSARC(W4GS)

Member: SCHEART-RRT

Member: Echolink(Node#471430)

Member: NAQCC Member #4223

[Non-text portions of this message have been removed]

31881. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-26 07:55:56 UTC
From: ROBERT FAREY
Topic: 31850 Message: 31881

Hi Chris
As most of us know the military control the radio spectrum and are at liberty to use the radio spectrum for any use they deem fit.
we have the use of bands within the HF bands for our hobby, it has been like this since radio was first used at the turn of the 19th century into the 20th century, and now the 21st century. like a lot here in United Kingdom they are under some mis happrehension that they that is the amateurs have sole use of the radio spectrum, but we all know this is not the case.
It is a also for self training should our services be requested by our governments.
Regards Robert G6LLP

--- On Thu, 25/11/10, Chris Baker <honywood@...> wrote:

From: Chris Baker <honywood@...>
Subject: Re: [FT897] Re: Emergency Use
To: FT897@yahoogroups.com
Date: Thursday, 25 November, 2010, 22:23

Request : Can we get back onto FT897 and discuss this between yourselfs for those outside Stateside?

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T

G4LDS@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31882. Re: [FT897] Yaesu 897D, Stopped transmitting on SSB (LSB and USB)

Yahoo group: FT897 (2010)
Date: 2010-11-26 10:22:21 UTC
From: ROBERT FAREY
Topic: 31866 Message: 31882

Hi
no power output unless you speak into the microphone as the transmitter is powered by some audio be it speech or an audio signal the same is true of any ssb transciever which tells me you are new to this hobby Robert G6LLP

--- On Tue, 23/11/10, yaesu73 <yaesu73@...> wrote:

From: yaesu73 <yaesu73@...>
Subject: [FT897] Yaesu 897D, Stopped transmitting on SSB (LSB and USB)
To: FT897@yahoogroups.com
Date: Tuesday, 23 November, 2010, 23:32

My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything else seems to be fine, worked a few stations in CW no problem. I did a factory reset and went back through the menu to make sure everything was the same, good to go. I looked at filters and they were set fine. It shows no power out when keying the hand mike in SSB and a dummyload also confirms this but in any other mode all is well. I take this radio out for portable but nothing has been done different to it, it just stoped working in SSB (hand mike still works in AM/FM). Please help

V/R

Joseph

KI4ZXZ

[Non-text portions of this message have been removed]

31883. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-26 13:12:25 UTC
From: g8hul
Topic: 31850 Message: 31883

--- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
>
> Hi Chris
> Â Â Â Â Â Â Â Â Â Â Â Â As most of us know the military control the radio spectrum and are at liberty to use the radio spectrum for any use they deem fit.

The military certainly do not control the spectrum in the UK. Frequency co-ordination is carried out by Ofcom, a frequency allocation branch in the Ministry of Defence, and the Civil Aviation Authority, all in colaboration, restrained by international agreements. The military are restricted to very defined areas outside which they are not permitted to stray

73
Jeff

31884. RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 13:16:13 UTC
From: Joe Radio
Topic: 31884 Message: 31884

My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything else seems to be fine worked a few stations in CW no problem. I did a factory reset and went back through the menu to make sure everything was the same, good to go. I looked at filters and they were set fine. It shows no power out when keying

the hand mike in SSB and a dummy load also confirms this but in any other mode all is well. I take this radio out for portable but nothing has been done different to

it, it just stopped working in SSB (hand mike still works in AM/FM). Please help

You are talking into the mic when you test, aren't you? You won't get any output until you do, of course.

no power output unless you speak into the microphone as the transmitter is powered by some audio be it speech or an audio signal the same is true of any ssb transceiver which tells me you are new to this hobby

Eric and Robert,
 Thanks for the write back, yes I am talking into the mic. Again I get power out in AM/FM/CW (talking into the mic or mashing my key) just not in LSB and USB. I contacted yaesu with the same question and they came back very quick with (send it in, $70 an hour). I am all about figuring this problem out but as Robert had guessed I am very new to this hobby (not sure how that was supposed to help). Any suggestions are greatly appreciated, thanks again for the response.

73
Joseph
KI4ZXZ

[Non-text portions of this message have been removed]

31885. Re: Poor AM modulation ** Where to I obtain the 6khz AM filter from ?

Yahoo group: FT897 (2010)
Date: 2010-11-26 13:08:04 UTC
From: Simon
Topic: 31855 Message: 31885

Hi Gents,

I am getting interested in AM transmissions also - and a local net tells me my AM TX audio sounds bad using my 897d 'Very nasally, and rough round the edges difficlut to copy although good signal' so I have been following this thread with interest.

Where do I obtain one of the 6khz AM filters from - I can not find it listed anywhere under options for the 897, or listed seperately.

Finally - the 6khz filters - works on TX audio aswell as RX right ?

Any weblinks please ?

Thanks for help in advance

73

Simon - London G7IVJ

> >
> > do you have the 6kHz AM filter installed in your radio? If not, the radio
> > just uses the built in filters (LC or RC) on AM and the quality suffers.

31886. no ssb output?

Yahoo group: FT897 (2010)
Date: 2010-11-26 17:03:29 UTC
From: Chris Baker
Topic: 31884 Message: 31886

mic gain on ssb is not at zero??? seperate settings on mic gain for am/fm/ssb

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

[Non-text portions of this message have been removed]

31887. Re: [FT897] RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 17:16:07 UTC
From: Danny Loyd
Topic: 31884 Message: 31887

Try unplugging you paddle from the unit and see if that works. Several people in the past
threads on this group have had problems with the keyer being stuck. Also make sure Menu 22
is in Off when trying SSB. Had that on once and couldn't modulate on SSB or digital.

Danny
KE5WDI

From: Joe Radio <yaesu73@...>
To: FT897@yahoogroups.com
Sent: Fri, November 26, 2010 7:16:13 AM
Subject: [FT897] RE:

My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything else seems to

be fine worked a few stations in CW no problem. I did a factory reset
and went back through the menu to make sure everything was the same, good to go. I looked at filters and they were set fine. It shows no power out when keying

the hand mike in SSB and a dummy load also confirms this but in any other mode all is well. I take this radio out for portable but nothing has been done different to

it, it just stopped working in SSB (hand mike still works in AM/FM). Please help

You are talking into the mic when you test, aren't you? You won't get any output until you do, of course.

no power output unless you speak into the microphone as the transmitter is powered by some audio be it speech or an audio signal the same is true of any ssb transceiver which tells me you are new to this hobby

Eric and Robert,
 Thanks for the write back, yes I am talking into the mic. Again I get power out

in AM/FM/CW (talking into the mic or mashing my key) just not in LSB and USB. I contacted yaesu with the same question and they came back very quick with (send it in, $70 an hour). I am all about figuring this problem out but as Robert had guessed I am very new to this hobby (not sure how that was supposed to help). Any suggestions are greatly appreciated, thanks again for the response.

73
Joseph
KI4ZXZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31888. Enough emergency stuff.

Yahoo group: FT897 (2010)
Date: 2010-11-26 17:57:45 UTC
From: Hackamore
Topic: 31888 Message: 31888

Can we DROP this emergency crap already! WE GET AND GOT THE POINT A LONG TIME AGO!!! I want to see comments about FT-897's.

73 Pat
WA7RED

[Non-text portions of this message have been removed]

31889. Re: RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 18:06:59 UTC
From: Hackamore
Topic: 31884 Message: 31889

Well Denny, I don't know why you are having a problem with menu # 22 being turned on. I have # 22 ON and have absolutely no problem getting my 897 to transmit in SSB or Digital. I like the fact that I can drop my call in CW when checking into a net if the SSB copy is rough.

73 Pat
WA7RED

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
Also make sure Menu 22 is in Off when trying SSB. Had that on once and couldn't modulate on SSB or digital.
>
> Danny
> KE5WDI
>

31890. Re: [FT897] RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 18:17:04 UTC
From: K9ZTV
Topic: 31884 Message: 31890

Wrong.

As long as the key contacts aren't closed, a paddle can remain connected
and the rig operated on SSB even with Menu 22 set to ON.

I've operated the rig that way for years. Many CW ops do. It allows CW
to be sent while the rig is in CW mode. Likewise the K3 and several
other rigs.

73,

Kent K9ZTV

On 11/26/2010 11:16 AM, Someone wrote:
>
> Try unplugging you paddle from the unit and see if that works. Several
> people in
> the past
> threads on this group have had problems with the keyer being stuck.
> Also make
> sure Menu 22
> is in Off when trying SSB. Had that on once and couldn't modulate on
> SSB or
> digital.
>
>

> _____
> From: Joe Radio <yaesu73@... <mailto:yaesu73%40yahoo.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Fri, November 26, 2010 7:16:13 AM
> Subject: [FT897] RE:
>
>
> My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything
> else seems to
>
> be fine worked a few stations in CW no problem. I did a factory reset
> and went back through the menu to make sure everything was the same,
> good to
> go. I looked at filters and they were set fine. It shows no power out
> when
> keying
>
> the hand mike in SSB and a dummy load also confirms this but in any
> other mode

> all is well. I take this radio out for portable but nothing has been done
> different to
>
> it, it just stopped working in SSB (hand mike still works in AM/FM).
> Please help
>
>
> You are talking into the mic when you test, aren't you? You won't get any
> output until you do, of course.
>
> no power output unless you speak into the microphone as the
> transmitter is
> powered by some audio be it speech or an audio signal the same is true
> of any
> ssb transceiver which tells me you are new to this hobby
>
> Eric and Robert,
> Thanks for the write back, yes I am talking into the mic. Again I get
> power out
>
> in AM/FM/CW (talking into the mic or mashing my key) just not in LSB
> and USB. I
> contacted yaesu with the same question and they came back very quick
> with (send
> it in, $70 an hour). I am all about figuring this problem out but as
> Robert had
> guessed I am very new to this hobby (not sure how that was supposed to
> help).
> Any suggestions are greatly appreciated, thanks again for the response.
>
> 73
> Joseph
> KI4ZXZ
>
>

[Non-text portions of this message have been removed]

31891. Re: [FT897] RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 18:26:30 UTC
From: robert donchez
Topic: 31884 Message: 31891

but if the key is not fully inserted by accident (as noted many
times in this group) it makes the 897 perform very erratically
bob donchez
wb3hyb
On Nov 26, 2010, at 1:17 PM, K9ZTV wrote:

> Wrong.
>
> As long as the key contacts aren't closed, a paddle can remain
> connected
> and the rig operated on SSB even with Menu 22 set to ON.
>
> I've operated the rig that way for years. Many CW ops do. It
> allows CW
> to be sent while the rig is in CW mode. Likewise the K3 and several
> other rigs.
>
> 73,
>
> Kent K9ZTV
>
>
>
> On 11/26/2010 11:16 AM, Someone wrote:
>>
>> Try unplugging you paddle from the unit and see if that works.
>> Several
>> people in
>> the past
>> threads on this group have had problems with the keyer being stuck.
>> Also make
>> sure Menu 22
>> is in Off when trying SSB. Had that on once and couldn't modulate on
>> SSB or
>> digital.
>>
>>
>
>
>
>
>> _____
>> From: Joe Radio <yaesu73@... <mailto:yaesu73%40yahoo.com>>
>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>> Sent: Fri, November 26, 2010 7:16:13 AM

>> Subject: [FT897] RE:
>>
>>
>> My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything
>> else seems to
>>
>> be fine worked a few stations in CW no problem. I did a factory reset
>> and went back through the menu to make sure everything was the same,
>> good to
>> go. I looked at filters and they were set fine. It shows no power out
>> when
>> keying
>>
>> the hand mike in SSB and a dummy load also confirms this but in any
>> other mode
>> all is well. I take this radio out for portable but nothing has
>> been done
>> different to
>>
>> it, it just stopped working in SSB (hand mike still works in AM/FM).
>> Please help
>>
>>
>> You are talking into the mic when you test, aren't you? You won't
>> get any
>> output until you do, of course.
>>
>> no power output unless you speak into the microphone as the
>> transmitter is
>> powered by some audio be it speech or an audio signal the same is
>> true
>> of any
>> ssb transceiver which tells me you are new to this hobby
>>
>> Eric and Robert,
>> Thanks for the write back, yes I am talking into the mic. Again I
>> get
>> power out
>>
>> in AM/FM/CW (talking into the mic or mashing my key) just not in LSB
>> and USB. I
>> contacted yaesu with the same question and they came back very quick
>> with (send
>> it in, $70 an hour). I am all about figuring this problem out but as
>> Robert had
>> guessed I am very new to this hobby (not sure how that was
>> supposed to
>> help).
>> Any suggestions are greatly appreciated, thanks again for the
>> response.

>>
>> 73
>> Joseph
>> KI4ZXZ
>>
>>
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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31892. Re: [FT897] RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 18:45:06 UTC
From: K9ZTV
Topic: 31884 Message: 31892

Good point. But that's not the fault of the rig.

All hams, regardless of brand of radio, should be certain ALL their plugs mate correctly in ALL their radios and accessories. A good percentage of reflector posts could be eliminated overnight if they did so.

In the case of the FT-897(D), the holes in the rear panel surrounding the jacks are not large enough to accommodate SOME of the plugs being used by hams for various and sundry interconnections. For plastic plugs, the solution is usually minor surgery in which the plug's shoulders are whittled down with an X-Acto knife until the plug slides easily into the jack. Likewise, for plugs on cables supplied (or formerly supplied) by LDG for use with their AT-897 tuner.

73,

Kent K9ZTV

On 11/26/2010 12:26 PM, robert donchez wrote:
>
> but if the key is not fully inserted by accident (as noted many
> times in this group) it makes the 897 perform very erratically
> bob donchez
> wb3hyb
> On Nov 26, 2010, at 1:17 PM, K9ZTV wrote:
>
> > Wrong.
> >
> > As long as the key contacts aren't closed, a paddle can remain
> > connected
> > and the rig operated on SSB even with Menu 22 set to ON.
> >
> > I've operated the rig that way for years. Many CW ops do. It
> > allows CW
> > to be sent while the rig is in CW mode. Likewise the K3 and several
> > other rigs.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> > On 11/26/2010 11:16 AM, Someone wrote:
> >>
> >> Try unplugging you paddle from the unit and see if that works.

> >> Several
> >> people in
> >> the past
> >> threads on this group have had problems with the keyer being stuck.
> >> Also make
> >> sure Menu 22
> >> is in Off when trying SSB. Had that on once and couldn't modulate on
> >> SSB or
> >> digital.
> >>
> >>
> > >
> > >
> > >
> > >
> >> _____
> >> From: Joe Radio <yaesu73@... <mailto:yaesu73%40yahoo.com>
> <mailto:yaesu73%40yahoo.com>>
> >> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> >> Sent: Fri, November 26, 2010 7:16:13 AM
> >> Subject: [FT897] RE:
> >>
> >>
> >> My Yaesu 897D stopped transmitting on SSB (LSB and USB) everything
> >> else seems to
> >>
> >> be fine worked a few stations in CW no problem. I did a factory reset
> >> and went back through the menu to make sure everything was the same,
> >> good to
> >> go. I looked at filters and they were set fine. It shows no power out
> >> when
> >> keying
> >>
> >> the hand mike in SSB and a dummy load also confirms this but in any
> >> other mode
> >> all is well. I take this radio out for portable but nothing has
> >> been done
> >> different to
> >>
> >> it, it just stopped working in SSB (hand mike still works in AM/FM).
> >> Please help
> >>
> >>
> >> You are talking into the mic when you test, aren't you? You won't
> >> get any
> >> output until you do, of course.
> >>
> >> no power output unless you speak into the microphone as the
> >> transmitter is

> >> powered by some audio be it speech or an audio signal the same is
> >> true
> >> of any
> >> ssb transceiver which tells me you are new to this hobby
> >>
> >> Eric and Robert,
> >> Thanks for the write back, yes I am talking into the mic. Again I
> >> get
> >> power out
> >>
> >> in AM/FM/CW (talking into the mic or mashing my key) just not in LSB
> >> and USB. I
> >> contacted yaesu with the same question and they came back very quick
> >> with (send
> >> it in, $70 an hour). I am all about figuring this problem out but as
> >> Robert had
> >> guessed I am very new to this hobby (not sure how that was
> >> supposed to
> >> help).
> >> Any suggestions are greatly appreciated, thanks again for the
> >> response.
> >>
> >> 73
> >> Joseph
> >> KI4ZXZ
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
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> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>
> --
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1170 / Virus Database: 426/3281 - Release Date: 11/26/10
>

[Non-text portions of this message have been removed]

31893. Re: [FT897] Re: RE:

Yahoo group: FT897 (2010)
Date: 2010-11-26 19:02:36 UTC
From: Danny Loyd
Topic: 31884 Message: 31893

I thought 22 control the side tone on the CW. That is what I was having a problem with and turned off 22 and it went away.

Danny
KE5WDI

From: Hackamore <4449.pat@...>
To: FT897@yahoogroups.com
Sent: Fri, November 26, 2010 12:06:59 PM
Subject: [FT897] Re: RE:

Well Denny, I don't know why you are having a problem with menu # 22 being turned on. I have # 22 ON and have absolutely no problem getting my 897 to transmit in SSB or Digital. I like the fact that I can drop my call in CW when checking into a net if the SSB copy is rough.

73 Pat
WA7RED

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
Also make sure Menu 22 is in Off when trying SSB. Had that on once and couldn't modulate on SSB or digital.
>
> Danny
> KE5WDI
>

[Non-text portions of this message have been removed]

31894. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-26 20:55:30 UTC
From: Geoff Blake
Topic: 31850 Message: 31894

On 26 November 2010 13:12, g8hul <g8hul@...> wrote:

>
>
> --- In FT897@yahoogroups.com, ROBERT FAREY <robert.farey@...> wrote:
> >
> > Hi Chris
> > Â Â Â Â Â Â Â Â Â Â Â As most of us know the military control the radio
> spectrum and are at liberty to use the radio spectrum for any use they deem
> fit.
>
> The military certainly do not control the spectrum in the UK. Frequency
> co-ordination is carried out by Ofcom, a frequency allocation branch in the
> Ministry of Defence, and the Civil Aviation Authority, all in colaboration,
> restrained by international agreements. The military are restricted to very
> defined areas outside which they are not permitted to stray
>
>
> 73
> Jeff
>

Totally agree with you Jeff but exactly who uses a particular bit of
spectrum depend on many things, including who hold the SA80 at that
particular moment. Sadly, in the UK and many other countries, it is all open
to the highest bidder so perhaps it is the Treasury who calls the shots!

Geoff G8GNZ
--

[Non-text portions of this message have been removed]

31895. No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-26 21:22:47 UTC
From: voskiarzat
Topic: 31895 Message: 31895

All,

The rig is an FT-897D, today turned on the power supply on and I get no freq. display on the rig, but I hear the fan is running continuasly.
The on-off switch is not even turning fan off. When I turn the power supply switch to off, I see the display light momentarily and the fan is turned off.

Any ideas what the problem is? What can I do to correct the problem?

Regards.

Noel (OM) N3NZ

31896. Re: [FT897] No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-26 22:15:25 UTC
From: Patrick
Topic: 31895 Message: 31896

Check the voltage coming out of the PS.

On Fri, Nov 26, 2010 at 4:22 PM, voskiarzat <n3nz@...> wrote:

>
>
> All,
>
> The rig is an FT-897D, today turned on the power supply on and I get no
> freq. display on the rig, but I hear the fan is running continuasly.
> The on-off switch is not even turning fan off. When I turn the power
> supply switch to off, I see the display light momentarily and the
> fan is turned off.
>
> Any ideas what the problem is? What can I do to correct the problem?
>
> Regards.
>
> Noel (OM) N3NZ
>
>
>

[Non-text portions of this message have been removed]

31897. Re: [FT897] No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-26 22:48:06 UTC
From: Noel Zeibari
Topic: 31895 Message: 31897

The voltage out is 13.7 volts
----- Original Message -----
From: "Patrick" <milw156@...>
To: <FT897@yahoogroups.com>
Sent: Friday, November 26, 2010 5:15 PM
Subject: Re: [FT897] No Frequency Display

> Check the voltage coming out of the PS.
>
> On Fri, Nov 26, 2010 at 4:22 PM, voskiarzat <n3nz@...> wrote:
>
>>
>>
>> All,
>>
>> The rig is an FT-897D, today turned on the power supply on and I get no
>> freq. display on the rig, but I hear the fan is running continuasly.
>> The on-off switch is not even turning fan off. When I turn the power
>> supply switch to off, I see the display light momentarily and the
>> fan is turned off.
>>
>> Any ideas what the problem is? What can I do to correct the problem?
>>
>> Regards.
>>
>> Noel (OM) N3NZ
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31898. Re:

Yahoo group: FT897 (2010)
Date: 2010-11-26 23:11:10 UTC
From: Joe Radio
Topic: 31898 Message: 31898

Group,
 Thanks for the write back, my mic setting are all set at 50. I have tried it with key plugged in and out, I have a dummy load that I can read the voltage when keyed as well, I get voltage on every thing except SSB (USB and LSB). My CW/AM/FM all work fine, made a few contacts the same day I could not run SSB, no problems. So my mic works fine, key works fine, my ldg tuner works fine as well but again it wont tune in SSB only the other modes. I have been testing the rig now bypassing the tuner all together. If I knew what I was looking for on the inside I would dive in, have the schematics but am not the most experienced at this, any guidance would be greatly appreciated.

V/R
Joseph

73
KI4ZXZ

[Non-text portions of this message have been removed]

31899. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 12:10:58 UTC
From: graham787
Topic: 31855 Message: 31899

Ok . I dont think this is a bass / bw problem the audio is quite good on fm and ssb , also the am audio sounds fine but very low level . which then tends to clip and crunch as you turn the gain up ..it seems to be double side band .. and when you monitor in ssb , sounds fine .. something odd about the mod/carrier ratio and/or the liniarity of the modulator .. are all the ft897 like this ? as I can see them new for £750 ~ $1400 .. thats a lot for a box of crunchies

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Hi G.,
>
> The bass inherent with the stock microphone does not work well with the low level modulation of solid state rigs like the FT-897D. It will cause distortion. These rigs are SSB rigs that do AM on the side. Flipping the switch on the back of the microphone to #2 will help somewhat. However, with the proper microphone the AM quality can be excellent. I have an Astatic 10-DA element and a D-104 element with a home brew FET impedance buffer in the base and the old timer AM guys on 7160 kHz and 3880 kHz say it sounds as good as any AM boat anchor. These old microphone elements tend to have a much higher frequency response then dynamic microphones. A Heil element may perform the same. It is the bass response that screws up the quality on AM with the FT-897D.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "graham787" <g0nbd@> wrote:
> >
> > Q What is the expected AM performance supposed to be ?
> >
> > Mine seems to be low and clipped , did a full s/w reset and that helped a bit , but the audio is very low , carrier is set to 25 watts as the book
> >
> > I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not convinced its working as should ?
> >
> > Any ideas ?
> >
> > tnx-G.
> >
>

31900. Re: [FT897] Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 12:52:00 UTC
From: PY5VB-Villas Boas
Topic: 31855 Message: 31900

My setup for AM op:
AM mic gain = 8
PROC ON = 60
TX DSP EQ = HPF

73, Villas - PY5VB

Em 27/11/2010 10:10, graham787 escreveu:
>
> Ok . I dont think this is a bass / bw problem the audio is quite good
> on fm and ssb , also the am audio sounds fine but very low level .
> which then tends to clip and crunch as you turn the gain up ..it seems
> to be double side band .. and when you monitor in ssb , sounds fine ..
> something odd about the mod/carrier ratio and/or the liniarity of the
> modulator .. are all the ft897 like this ? as I can see them new for
> £750 ~ $1400 .. thats a lot for a box of crunchies
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Steve
> Yates" <aa5tb@...> wrote:
> >
> > Hi G.,
> >
> > The bass inherent with the stock microphone does not work well with
> the low level modulation of solid state rigs like the FT-897D. It will
> cause distortion. These rigs are SSB rigs that do AM on the side.
> Flipping the switch on the back of the microphone to #2 will help
> somewhat. However, with the proper microphone the AM quality can be
> excellent. I have an Astatic 10-DA element and a D-104 element with a
> home brew FET impedance buffer in the base and the old timer AM guys
> on 7160 kHz and 3880 kHz say it sounds as good as any AM boat anchor.
> These old microphone elements tend to have a much higher frequency
> response then dynamic microphones. A Heil element may perform the
> same. It is the bass response that screws up the quality on AM with
> the FT-897D.
> >
> > 73,
> > Steve - AA5TB
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "graham787" <g0nbd@> wrote:
> > >
> > > Q What is the expected AM performance supposed to be ?
> > >
> > > Mine seems to be low and clipped , did a full s/w reset and that
> helped a bit , but the audio is very low , carrier is set to 25 watts

> as the book
> > >
> > > I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not
> convinced its working as should ?
> > >
> > > Any ideas ?
> > >
> > > tnx-G.
> > >
> >
>
>

[Non-text portions of this message have been removed]

31901. menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-26 20:02:47 UTC
From: tivoligardens@yahoo.com
Topic: 31901 Message: 31901

Hello all

Are there any software solutions for menu control of my 897d ?

Hal W4-HAL

31902. Re: menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-27 14:23:06 UTC
From: ke4grp@aol.com
Topic: 31901 Message: 31902

How about Ham Radio Deluxe, great program and free.

[Non-text portions of this message have been removed]

31903. Re: [FT897] menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-27 14:56:40 UTC
From: Unit365
Topic: 31901 Message: 31903

Hi

this is nice control program.

http://www.supercontrol.de/cat/us/index.php

73's
F4FQH Olivier

From: tivoligardens@...
Sent: Friday, November 26, 2010 9:02 PM
To: FT897@yahoogroups.com
Subject: [FT897] menu control via software

Hello all

Are there any software solutions for menu control of my 897d ?

Hal W4-HAL

[Non-text portions of this message have been removed]

31904. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 17:08:05 UTC
From: Hackamore
Topic: 31855 Message: 31904

What nobody has really addressed is that the '897 uses low level modulation for AM. It does not use high level "Plate/Collector modulation". You want high level AM get yourself or build an AM transmitter. AM is just an after thought for most all SSB rigs. The old rule of thumb was that it took half as much power in the modulator as the RF deck for high level mod. Worked that way in some of the broadcast xmitters I worked on.

73 Pat
WA7RED

31905. Re: menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-27 20:09:56 UTC
From: tivoligardens@yahoo.com
Topic: 31901 Message: 31905

Can HRD control the internal menus of the 897 ?
--- In FT897@yahoogroups.com, "Unit365" <unit365@...> wrote:
>
> Hi
>
> this is nice control program.
>
> http://www.supercontrol.de/cat/us/index.php
>
> 73's
> F4FQH Olivier
>
>
> From: tivoligardens@...
> Sent: Friday, November 26, 2010 9:02 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] menu control via software
>
>
>
> Hello all
>
> Are there any software solutions for menu control of my 897d ?
>
> Hal W4-HAL
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31906. Re: [FT897] Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 20:25:21 UTC
From: Gary Altig
Topic: 31855 Message: 31906

DE N7UVL,
A Spectrum analyzer can show the modulated side band reduction
as the inserted carrier is increased. And can show the relationship
between the two./ga

----- Original Message -----
From: Hackamore<mailto:4449.pat@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, November 27, 2010 9:08 AM
Subject: [FT897] Re: Poor AM modulation

What nobody has really addressed is that the '897 uses low level modulation for AM. It does not use high level "Plate/Collector modulation". You want high level AM get yourself or build an AM transmitter. AM is just an after thought for most all SSB rigs. The old rule of thumb was that it took half as much power in the modulator as the RF deck for high level mod. Worked that way in some of the broadcast xmitters I worked on.

73 Pat
WA7RED

[Non-text portions of this message have been removed]

31907. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 20:40:05 UTC
From: g8hul
Topic: 31855 Message: 31907

--- In FT897@yahoogroups.com, "Hackamore" <4449.pat@...> wrote:
>
> What nobody has really addressed is that the '897 uses low level modulation for AM. It does not use high level "Plate/Collector modulation". You want high level AM get yourself or build an AM transmitter. AM is just an after thought for most all SSB rigs. The old rule of thumb was that it took half as much power in the modulator as the RF deck for high level mod. Worked that way in some of the broadcast xmitters I worked on.
>
> 73 Pat
> WA7RED
>

There is no reason that low level modulation should produce any worse results than high level.

Traditionally AM transmitters use high level mod but that is just for efficiency, because a Class C PA can be used.

Since the 897 is an ssb transmitter, it already has a linear amplifier system which will amplify low level AM just as well as SSB.

Of course the peak of the AM envelope must be kept below the 100W max o/p of the 897, so the carrier power must not exceed 25W with 100% mod.

Regards
Jeff

31908. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 21:54:01 UTC
From: Hackamore
Topic: 31855 Message: 31908

Well Jeff I worked in the broadcast business for 18 years which is no big deal. But we (in the US) were allowed to go up to 125 percent mod over the peaks, but no more than 100 percent downward. I have listened to different rigs over the years, and none of the "Made for single sideband" rigs sounded as good as high level plate modulation transmitters did. What is the attraction for AM? Carrier just goes along for the ride.....

Pat
WA7RED

> >
>
> There is no reason that low level modulation should produce any worse results than high level.
>
> Traditionally AM transmitters use high level mod but that is just for efficiency, because a Class C PA can be used.
>
> Since the 897 is an ssb transmitter, it already has a linear amplifier system which will amplify low level AM just as well as SSB.
>
> Of course the peak of the AM envelope must be kept below the 100W max o/p of the 897, so the carrier power must not exceed 25W with 100% mod.
>
> Regards
> Jeff
>

31909. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-27 22:17:37 UTC
From: graham787
Topic: 31855 Message: 31909

Well , yes , the big boomers are now using envelope restored class E finals , so low level modulation is leaking into BC as well as AD set-up's..I have a trp5000 which uses low level modulation for AM , but the mod index is close to -2- 100 watts carrier and 400 watts peak , with one side-band ..

However I still use the ft897 on 80 ...Yes looks like its time to take a closer look , Im not convinced there is not a fault , as the audio seems to break on peaks

Q is the ALC used to set the 25 w as on TX the meter shows abt 75% fsd .. is this normal ?? Tnx - G.

--- In FT897@yahoogroups.com, "Hackamore" <4449.pat@...> wrote:
>
> Well Jeff I worked in the broadcast business for 18 years which is no big deal. But we (in the US) were allowed to go up to 125 percent mod over the peaks, but no more than 100 percent downward. I have listened to different rigs over the years, and none of the "Made for single sideband" rigs sounded as good as high level plate modulation transmitters did. What is the attraction for AM? Carrier just goes along for the ride.....
>
> Pat
> WA7RED
>
>
> > >
> >
> > There is no reason that low level modulation should produce any worse results than high level.
> >
> > Traditionally AM transmitters use high level mod but that is just for efficiency, because a Class C PA can be used.
> >
> > Since the 897 is an ssb transmitter, it already has a linear amplifier system which will amplify low level AM just as well as SSB.
> >
> > Of course the peak of the AM envelope must be kept below the 100W max o/p of the 897, so the carrier power must not exceed 25W with 100% mod.
> >
> > Regards
> > Jeff
> >
>

31910. Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-27 22:31:38 UTC
From: Clark
Topic: 31910 Message: 31910

Anyone attempt this? Looks like C or sub-C cells would be in there, 11 in all, I've not tried to split the case open yet, but plan to. Any info out there on it?

If it is potted in there or hard to get at I'll probably buy some new ones. I just wish Budd would fix us up an A123 lithium pack that fits inside the 897, but I'll settle for nimh for now.

Clark
WA3JPG

31911. For Sale: Timewave ANC-4 Noise Filter / Timewave DSP-599ZX Audio Noise Filter

Yahoo group: FT897 (2010)
Date: 2010-11-27 23:30:18 UTC
From: aa5fr
Topic: 31911 Message: 31911

I'm selling my personal Timewave ANC-4 Noise Filter and my Timewave DSP-599ZX Audio Noise Reduction Filter.

If you have a lot of local QRN, these may be your solution. They have been indispensable for me as a cliff dweller with all the noise that comes from living in high rise condos! Both filters worked well with my FT-857D, FT-817ND and my FT-897D.

Details, photos and pricing, along with links to the manuals, data sheets, etc. are at my web pages. Direct links:

ANC-4: http://aa5fr.com/anc4.htm

DSP-599ZX (latest firmware): http://aa5fr.com/dsp599zx.htm

Give yourself an early Christmas present!

73,

Robert
http://AA5FR.com

31912. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-28 00:08:42 UTC
From: Steve Yates
Topic: 31850 Message: 31912

--- In FT897@yahoogroups.com, "ke7adu" <ae7hs@...> wrote:
>
> I think the regulations make it clear that emergeny communications > one of the primary reasons amateur radio exists.
>

Actually...

FCC Rules Part 97.3(a)(4):
Amateur service: A radio communication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.

It is because of the knowledge that gain by adhering to the above definition that make us good emergency communicators, not the other way around.

Now, about that FT-897D...

73,
Steve - AA5TB

31913. 60 metres

Yahoo group: FT897 (2010)
Date: 2010-11-28 00:55:41 UTC
From: JP Douglas
Topic: 31913 Message: 31913

Hi all,

We've had the 897D for over a year now and this afternoon I decided to cheque out 60 metres.
I heard two frequencies coming in loud and clear.
I space out and tried to tune the rig, the LDG AT-897 Plus started to act strange. Then I realised that when
you're on 60 metres the radio won't go to AM to tune as it does on other bands.
Regardless, swr was acceptable, though I haven't tried to make any contacts as of yet.

Just thought I'd through that out to stop the emergency vibes that are out there....;-)

73 de Jose Douglas - KB1TCD

31914. Re: [FT897] 60 metres

Yahoo group: FT897 (2010)
Date: 2010-11-28 01:02:06 UTC
From: Dan Schaaf
Topic: 31913 Message: 31914

That is OK, because it is illegal to tune on the air on 60 meters.
The apprpriate method is to permanently tune the antenna using an analyzer, adjust the antenna length accordingly, then go into transmit.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: JP Douglas
To: FT897@yahoogroups.com
Sent: Saturday, November 27, 2010 7:55 PM
Subject: [FT897] 60 metres

Hi all,

We've had the 897D for over a year now and this afternoon I decided to cheque out 60 metres.
I heard two frequencies coming in loud and clear.
I space out and tried to tune the rig, the LDG AT-897 Plus started to act strange. Then I realised that when
you're on 60 metres the radio won't go to AM to tune as it does on other bands.
Regardless, swr was acceptable, though I haven't tried to make any contacts as of yet.

Just thought I'd through that out to stop the emergency vibes that are out there....;-)

73 de Jose Douglas - KB1TCD

[Non-text portions of this message have been removed]

31915. Re: [FT897] Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-28 13:00:55 UTC
From: n8mfn@fuse.net
Topic: 31910 Message: 31915

Hi clark
I to wish Bud would make them I have the 123 and th will run my 897 for about 3.5 hrs @ 20 watts
Rick
N8MFN

> Anyone attempt this? Looks like C or sub-C cells would be in there, 11 in all, I've not tried to split the case open yet, but plan to. Any info out there on it?
>
> If it is potted in there or hard to get at I'll probably buy some new ones. I just wish Budd would fix us up an A123 lithium pack that fits inside the 897, but I'll settle for nimh for now.
>
> Clark
> WA3JPG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

31916. Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-28 16:18:05 UTC
From: Clark
Topic: 31910 Message: 31916

Well, opening up the FNB 78 pack was easy. Has 11 4/3 AF cells in there. I think I can rebuild the pack for about 50 in materials (on sale) and an hour or so, but I am wary of the soldering of the tabs solidly in the pack without damaging the cells. I have found replacement FNB 78's for $89 and just may go with that.

I understand (second hand) that Budd finds the A123 cells a tad wide for the compartment of the 897, so I don't think we'll get them internal. Darn.

Clark
WA3JPG

31917. Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-28 16:41:06 UTC
From: Travis Burgess
Topic: 31850 Message: 31917

As far as I am concerned, emergency use is as valid a forum subject as contesting or ragchewing or technical subjects. Actually it is even more
important as it is a fundamental purpose of amateur radio. The 897 seems to be made for the purpose because it is durable and perfect for field use.

Travis
KF5HSE

"WHEN LIBERTY DIES IN AMERICA, IT DIES FOREVER IN THE WORLD." Dr. Walter Williams, Economist

[Non-text portions of this message have been removed]

31918. Re: menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-28 16:50:01 UTC
From: Tom Glaab
Topic: 31901 Message: 31918

> Are there any software solutions for menu control of my 897d ?

There are many, including HRD, FLDIGI, and FLRIG. WSJT and MULTIPSK will also do some control of the FT-897.

If you look at page 64 of the user manual, you'll see that there's a disappointingly small amount of controls exposed through the CAT interface, for example it would be nice if RF POWER SET were added to the list.

So there are lots of options to control the radio, but none may control as much as you'd like.

tg.
AJ4UQ

31919. Re: Poor AM modulation

Yahoo group: FT897 (2010)
Date: 2010-11-28 18:07:49 UTC
From: Toll_Free
Topic: 31855 Message: 31919

The problem is simple, and so is the fix.

You need to apply a -4 to 0 volt signal to the ALC input on the jack on the backside of your radio.

The clipping sound your getting is actually ALC doing it's job.. SO, we have to show the ALC who the boss is...

w8ji has a schematic that will let you dial the exact power output you want, via a potentiometer, and a 9 volt battery. You have to take the carrier level on the internal menus and set it to 100 watts, then use the potentiometer to dial your carrier to the level you want. The 857 / 897 can have BEAUTIFUL audio that will rival any other radio / combo out there, but you HAVE to disable ALC.

If you have both a pep and avg reading wattmeter, you can see it in action... As well as a spec-an or scope. The PEP meter will be showing an INCREASE in Pout, to the tune of 55-70 watts on a peak, but the AVG meter will go DOWNWARD, at times to the 15 watt level, from a 25 watt carrier. By overriding the alc, we lose this effect.

There is NO reason a high level radio sounds better or worse than a low level radio, except when someone who doesn't know what they are doing, doesn't care, or doesn't understand how to operate the radio.

Also, the ALC pot trick might screw with appliance operator tunas that automagically lower Pout... Not sure how each and every one operates....

Hope this helps. I didn't have the url handy for w8jis AM website, but a simple google or yahoo search will turn it up.

--Shane
KD6VXI

--- In FT897@yahoogroups.com, "graham787" <g0nbd@...> wrote:
>
> Q What is the expected AM performance supposed to be ?
>
> Mine seems to be low and clipped , did a full s/w reset and that helped a bit , but the audio is very low , carrier is set to 25 watts as the book
>
> I can tell it has usb & lsb and sounds ok on ssb rx but AM .. not convinced its working as should ?
>
> Any ideas ?
>
> tnx-G.
>

31920. Re: [FT897] Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-28 18:10:13 UTC
From: George F
Topic: 31910 Message: 31920

Clark..

soldering is OK...but you have to use solder_paste, bigger solder gun and keep short time for soldering... Make sure that all bat_cell are in a good shape.. Charge them a same period of time and check them after 1 week for voltage....

Be safe guys.... OM4TLP Peter.

--- On Sun, 11/28/10, Clark <csturner@...> wrote:

From: Clark <csturner@...>
Subject: [FT897] Re: Rebuild 897 internal battery?
To: FT897@yahoogroups.com
Received: Sunday, November 28, 2010, 11:18 AM

Well, opening up the FNB 78 pack was easy. Has 11 4/3 AF cells in there. I think I can rebuild the pack for about 50 in materials (on sale) and an hour or so, but I am wary of the soldering of the tabs solidly in the pack without damaging the cells. I have found replacement FNB 78's for $89 and just may go with that.

I understand (second hand) that Budd finds the A123 cells a tad wide for the compartment of the 897, so I don't think we'll get them internal. Darn.

Clark

WA3JPG

[Non-text portions of this message have been removed]

31921. UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 21:16:33 UTC
From: David
Topic: 31921 Message: 31921

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.

David

31922. Re: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 21:22:38 UTC
From: Dan Schaaf
Topic: 31921 Message: 31922

TE Systems makes them and so does Mirage (MFJ) but they are not cheap.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: David
To: FT897@yahoogroups.com
Sent: Sunday, November 28, 2010 4:16 PM
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.

David

[Non-text portions of this message have been removed]

31923. RE: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 21:26:17 UTC
From: Hank Lambert
Topic: 31921 Message: 31923

For 70 cm, take a look at the Mirage D-1010-N. With 10 watts in, you get 100 watts out on 70 cm. Or for dual band, there is the Mirage BD-35; up to 7 watts in gives you 35 watts out on 2 meters and 45 watts out on 70 cm.

73,

Hank Lambert

KB4MTO/TA5ZC

hank@...

www.hanklambert.com

PGP Key: 0x96D33D71

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of David
Sent: Sunday, November 28, 2010 4:17 PM
To: FT897@yahoogroups.com
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

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David

[Non-text portions of this message have been removed]

31924. Re: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 22:12:55 UTC
From: DALE
Topic: 31921 Message: 31924

Why not just use a higher gain antenna??
Dale

----- Original Message -----
From: "David" <d_marotti@...>
To: FT897@yahoogroups.com
Sent: Sunday, November 28, 2010 1:16:33 PM
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.

David

[Non-text portions of this message have been removed]

31925. 6khz AM filter for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-11-28 22:42:49 UTC
From: Simon
Topic: 31925 Message: 31925

Gents,

Any ideas on the Yaesu part number - or the part number for the manufacturer who makes the 6khz AM filter for the Yaesu FT-897D radios ?

Thanks for your help in advance

73

Simon - G7IVJ

31926. Re: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 23:06:31 UTC
From: JP Douglas
Topic: 31921 Message: 31926

MFJ's Mirage division sells the UHF amps.

http://www.mirageamp.com/

73 de Jose Douglas - KB1TCD

From: David <d_marotti@...>
To: FT897@yahoogroups.com
Sent: Sun, November 28, 2010 4:16:33 PM
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

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David

[Non-text portions of this message have been removed]

31927. Re: [FT897] 6khz AM filter for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-11-28 23:09:17 UTC
From: Charles Scott
Topic: 31925 Message: 31927

Simon:

Specs say the FT-897 and FT-897D both have 6 KHz filters for AM. Also, I don't see any options for any other AM filters.

As people may have said here, don't expect too much and don't drive the mic audio very hard. Also, the comments about the mic might be right, but depending on which mic you're using (particularly if the stock Yaesu mics) you may want to try talking across the front of the mic rather than directly into it. In any case, the audio is not going to just jump right out at you.

Chuck - N8DNX

On 11/28/2010 5:42 PM, Simon wrote:
> Gents,
>
> Any ideas on the Yaesu part number - or the part number for the manufacturer who makes the 6khz AM filter for the Yaesu FT-897D radios ?
>
> Thanks for your help in advance
>
> 73
>
> Simon - G7IVJ
>

31928. Re: [FT897] 6khz AM filter for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-11-29 00:10:18 UTC
From: eric@van-de-weyer.org
Topic: 31925 Message: 31928

Hi Chuck,

yes, you're right. It seems that 6kHz is already in there on the 8x7's or
is not available for them. It was an optional on the 100D's. Sorry, my mistake.
Looks like the SSB one is the optional one on these ones. whereas they were
included in the 100D's.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Charles Scott <cscott@...>
>Date: Sun, 28 Nov 2010 18:09:17 -0500
>Subject: Re: [FT897] 6khz AM filter for FT-897D
>Reply-To: FT897@yahoogroups.com
>
>
>Simon:
>
>Specs say the FT-897 and FT-897D both have 6 KHz filters for AM. Also, I
>
>don't see any options for any other AM filters.
>
>As people may have said here, don't expect too much and don't drive the

>mic audio very hard. Also, the comments about the mic might be right,
>but depending on which mic you're using (particularly if the stock Yaesu
>
>mics) you may want to try talking across the front of the mic rather
>than directly into it. In any case, the audio is not going to just jump

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>
>Chuck - N8DNX
>
>
>On 11/28/2010 5:42 PM, Simon wrote:
>> Gents,
>>
>> Any ideas on the Yaesu part number - or the part number for the manufacturer
>who makes the 6khz AM filter for the Yaesu FT-897D radios ?
>>
>> Thanks for your help in advance
>>
>> 73
>>

>> Simon - G7IVJ
>>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

31929. Re: [FT897] Re: Emergency Use

Yahoo group: FT897 (2010)
Date: 2010-11-29 01:24:56 UTC
From: n8mfn@fuse.net
Topic: 31850 Message: 31929

--I have to say you are right about ecom use the only problem with having the 897 the buddipole the internal batterys external batterys generators and all the kits to make them portable the only thing is that if you dont belong to races ares cert or mars and are not the best frind of the eco with the fema 100 200 700 and 800 you will have to stay home so as i do I have a camper and a truck so just about every week end I take my go kit out some where to run a contest or just have fun
Rick
N8MFN

-- Travis Burgess <travburg1@...> wrote:
>
> As far as I am concerned, emergency use is as valid a forum subject as contesting or ragchewing or technical subjects. Actually it is even more
> important as it is a fundamental purpose of amateur radio. The 897 seems to be made for the purpose because it is durable and perfect for field use.
>
> Travis
> KF5HSE
>
>
> "WHEN LIBERTY DIES IN AMERICA, IT DIES FOREVER IN THE WORLD." Dr. Walter Williams, Economist
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

31930. Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:02:29 UTC
From: Radio_Randy
Topic: 31910 Message: 31930

If you have a Batteries Plus store, locally, I would check with them about battery pack rebuilds.

I've had laptop, power tool and test set batteries rebuilt by the store in Spokane and they've done a first class job. They were also quite reasonable.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
> Anyone attempt this? Looks like C or sub-C cells would be in there, 11 in all, I've not tried to split the case open yet, but plan to. Any info out there on it?
>
> If it is potted in there or hard to get at I'll probably buy some new ones. I just wish Budd would fix us up an A123 lithium pack that fits inside the 897, but I'll settle for nimh for now.
>
> Clark
> WA3JPG
>

31931. Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:04:54 UTC
From: Radio_Randy
Topic: 31921 Message: 31931

David,

There are no "illegal" amps for anything over 30 MHz. That rule was written for the bootleg amps a number of CB'ers were using (27 MHz) in the 70's and such.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "David" <d_marotti@...> wrote:
>
> The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.
>
> My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.
>
> David
>

31932. Re: [FT897] Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:05:16 UTC
From: John Faughn
Topic: 31910 Message: 31932

Batteries +Plus rebuilds battery , like laptop , you may want to check with them .
John
kd0cac

On Mon, Nov 29, 2010 at 9:02 AM, Radio_Randy <rjones@theofficenet.com>wrote:

>
>
> If you have a Batteries Plus store, locally, I would check with them about
> battery pack rebuilds.
>
> I've had laptop, power tool and test set batteries rebuilt by the store in
> Spokane and they've done a first class job. They were also quite reasonable.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Clark" <csturner@...>
> wrote:
> >
> > Anyone attempt this? Looks like C or sub-C cells would be in there, 11 in
> all, I've not tried to split the case open yet, but plan to. Any info out
> there on it?
> >
> > If it is potted in there or hard to get at I'll probably buy some new
> ones. I just wish Budd would fix us up an A123 lithium pack that fits inside
> the 897, but I'll settle for nimh for now.
> >
> > Clark
> > WA3JPG
> >
>
>
>

[Non-text portions of this message have been removed]

31933. Re: 60 metres

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:09:54 UTC
From: Radio_Randy
Topic: 31913 Message: 31933

Jose,

I've had no problems with my LDG autotuner on 60 meters, although I don't have the Yaesu specific model. Maybe it was your antenna and not a tuner issue.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, JP Douglas <josedouglas@...> wrote:
>
> Hi all,
>
> We've had the 897D for over a year now and this afternoon I decided to cheque
> out 60 metres.
> I heard two frequencies coming in loud and clear.
> I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> strange. Then I realised that when
> you're on 60 metres the radio won't go to AM to tune as it does on other bands.
> Regardless, swr was acceptable, though I haven't tried to make any contacts as
> of yet.
>
> Just thought I'd through that out to stop the emergency vibes that are out
> there....;-)
>
> 73 de Jose Douglas - KB1TCD
>

31934. Re: No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:14:50 UTC
From: Radio_Randy
Topic: 31895 Message: 31934

Noel,

Disconnect everything from your radio. Internal batteries, mike, key, etc. Then try to power the unit up.

If the fan is still running (and the display is blank), try doing a master reset as per the manual, anyway, and see if that helps. Barring those steps (unless someone has another idea), your rig might just be heading to the shop for repairs.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "voskiarzat" <n3nz@...> wrote:
>
> All,
>
> The rig is an FT-897D, today turned on the power supply on and I get no freq. display on the rig, but I hear the fan is running continuasly.
> The on-off switch is not even turning fan off. When I turn the power
> supply switch to off, I see the display light momentarily and the
> fan is turned off.
>
> Any ideas what the problem is? What can I do to correct the problem?
>
> Regards.
>
> Noel (OM) N3NZ
>

31935. Re: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 15:43:52 UTC
From: D F
Topic: 31921 Message: 31935

My first question is - How high is your antenna? As a base station (assuming that is where you are operating) the higher the antenna (VHF/UHF wise) it should be as high as possible. Also, if there are any obstructions to the "line-of-sight" from antenna to antenna, that will definately hinder a signal, especially on UHF freqs.

Second, what "type" of antenna (mobile, j-pole, other type of "base" vertical) are you using? if using a mobile, that can also hinder a "base" UHF signal.

In most instances, 20 watts is plenty enough for "local" UHF communications. It may NOT be the power that is the problem, but the antenna. I have always said that an antenna is 90% of your system. It matters not if you have the most expensive radio in the world, all the tuners or amps or filters, etc., if the antenna is in-effective, so will your communications be in-effective. I would say start with the antenna and make sure it is working as effectively as it can, then if you still have issues, then try something else.

Hope this helps.

Dennis - N8BMB

From: David <d_marotti@...>
To: FT897@...m
Sent: Sun, November 28, 2010 4:16:33 PM
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.

David

[Non-text portions of this message have been removed]

31936. Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 16:27:25 UTC
From: Bernie
Topic: 31921 Message: 31936

I am using a Yaesu VX8R HT at 2.5 watts and I reach the repeater at about 15 miles away from inside my apartment. No trouble at all. I also have a FT-8900 that I have set up in the shack set at 5 watts that is hooked to a copper J-Pole that works excellent. I did have to move it to clear line of sight obstructions but when I did move it, it worked real well. You could determine where the repeater is and check if there might be a building of some kind directly in line and you might have to move your antenna so that it either bounces signal from a building or changes a line of sight situation. My FT-897D hasn't been tried on the UHF freqs, might have to try it to see how it works.

Bernie
W8NBC

31937. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 16:38:48 UTC
From: JP Douglas
Topic: 31921 Message: 31937

For all it's worth, I reach a buddy of mine about 27 miles away (straight path) just fine on 2 metres, but cannot reach him at all on 70cm. using the same antenna. Reapeaters I have no problem reaching.

So, the wattage just could be the difference.

73 de Jose Douglas - KB1TCD

From: Bernie <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 11:27:25 AM
Subject: [FT897] Re: UHF Amplifier

I am using a Yaesu VX8R HT at 2.5 watts and I reach the repeater at about 15 miles away from inside my apartment. No trouble at all. I also have a FT-8900 that I have set up in the shack set at 5 watts that is hooked to a copper J-Pole that works excellent. I did have to move it to clear line of sight obstructions but when I did move it, it worked real well. You could determine where the repeater is and check if there might be a building of some kind directly in line and you might have to move your antenna so that it either bounces signal from a building or changes a line of sight situation. My FT-897D hasn't been tried on the UHF freqs, might have to try it to see how it works.

Bernie
W8NBC

[Non-text portions of this message have been removed]

31938. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 16:38:49 UTC
From: JP Douglas
Topic: 31921 Message: 31938

For all it's worth, I reach a buddy of mine about 27 miles away (straight path) just fine on 2 metres, but cannot reach him at all on 70cm. using the same antenna. Reapeaters I have no problem reaching.

So, the wattage just could be the difference.

73 de Jose Douglas - KB1TCD

From: Bernie <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 11:27:25 AM
Subject: [FT897] Re: UHF Amplifier

I am using a Yaesu VX8R HT at 2.5 watts and I reach the repeater at about 15 miles away from inside my apartment. No trouble at all. I also have a FT-8900 that I have set up in the shack set at 5 watts that is hooked to a copper J-Pole that works excellent. I did have to move it to clear line of sight obstructions but when I did move it, it worked real well. You could determine where the repeater is and check if there might be a building of some kind directly in line and you might have to move your antenna so that it either bounces signal from a building or changes a line of sight situation. My FT-897D hasn't been tried on the UHF freqs, might have to try it to see how it works.

Bernie
W8NBC

[Non-text portions of this message have been removed]

31939. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 16:38:50 UTC
From: JP Douglas
Topic: 31921 Message: 31939

For all it's worth, I reach a buddy of mine about 27 miles away (straight path) just fine on 2 metres, but cannot reach him at all on 70cm. using the same antenna. Reapeaters I have no problem reaching.

So, the wattage just could be the difference.

73 de Jose Douglas - KB1TCD

From: Bernie <pizzameister2001@...>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 11:27:25 AM
Subject: [FT897] Re: UHF Amplifier

I am using a Yaesu VX8R HT at 2.5 watts and I reach the repeater at about 15 miles away from inside my apartment. No trouble at all. I also have a FT-8900 that I have set up in the shack set at 5 watts that is hooked to a copper J-Pole that works excellent. I did have to move it to clear line of sight obstructions but when I did move it, it worked real well. You could determine where the repeater is and check if there might be a building of some kind directly in line and you might have to move your antenna so that it either bounces signal from a building or changes a line of sight situation. My FT-897D hasn't been tried on the UHF freqs, might have to try it to see how it works.

Bernie
W8NBC

[Non-text portions of this message have been removed]

31940. Re: [FT897] Re: No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-29 17:46:28 UTC
From: Noel Zeibari
Topic: 31895 Message: 31940

HI Randy,

Your info makes sense to me now. When I had no response from the group, I disconnected the Cat cable, signaLink,
MFJ auto tuner and Iambic keyer and turned the radio and power supply off. The next day, switched the PS and radio on
and every thing was normal again, what a relief!
I am trying to remember what caused the problem, a lesson to learn from my mistakes.
1- Turned off the switch from the power supply while radio is on?
2- FT-897D and the Kenwood TS-450SAT share the same power supply... I'll be paying attention more closely to
switch things off orderly.

73's Best regards, Noel (OM) N3NZ
----- Original Message -----
From: Radio_Randy
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 10:14 AM
Subject: [FT897] Re: No Frequency Display

Noel,

Disconnect everything from your radio. Internal batteries, mike, key, etc. Then try to power the unit up.

If the fan is still running (and the display is blank), try doing a master reset as per the manual, anyway, and see if that helps. Barring those steps (unless someone has another idea), your rig might just be heading to the shop for repairs.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "voskiarzat" <n3nz@...> wrote:
>
> All,
>
> The rig is an FT-897D, today turned on the power supply on and I get no freq. display on the rig, but I hear the fan is running continuasly.
> The on-off switch is not even turning fan off. When I turn the power
> supply switch to off, I see the display light momentarily and the
> fan is turned off.
>
> Any ideas what the problem is? What can I do to correct the problem?
>
> Regards.
>
> Noel (OM) N3NZ
>

[Non-text portions of this message have been removed]

31941. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 17:59:14 UTC
From: Patrick
Topic: 31921 Message: 31941

"were using?" ......they still are!

On Mon, Nov 29, 2010 at 10:04 AM, Radio_Randy <rjones@...>wrote:

>
>
> David,
>
> There are no "illegal" amps for anything over 30 MHz. That rule was written
> for the bootleg amps a number of CB'ers were using (27 MHz) in the 70's and
> such.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "David"
> <d_marotti@...> wrote:
> >
> > The 897D's maximum output wattage on UHF is only 20 watts (at max) and it
> is just barely adequate to make it to a local repeater when there is a lot
> of traffic. However, it has been something I've lived with. The other day I
> bought a Kenwood TM-D710A mobile that I set up for my car, and while
> programming it in my house, I set it for 50 watts (H) on UHF, and using the
> same house antenna, I noticed that I was able to make the trip to that
> repeater with no issue at all. It was refreshing for a change. Of course
> this is no surprise since it is 30 watts stronger.
> >
> > My question is this... Is there an amplifier on the market that I can
> plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts
> or higher? I was once told I don't need a tuner because I only work VHF and
> UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not
> looking to do anything illegal, I would just like for my 897D to have a
> little more power as the Kenwood D710A has. Any suggestions would be greatly
> appreciated.
> >
> > David
> >
>
>
>

[Non-text portions of this message have been removed]

31942. Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 18:15:16 UTC
From: pe1dcd
Topic: 31921 Message: 31942

I agree with Dale, David.

Another thing could be: put the antenna higher and use better quality coax and connectors.

What are you now using for antenna (type), cable (type and length)?

If you use it only for one repeater , a yagi could be an option.

' 73 , Peter , PE1DCD

--- In FT897@yahoogroups.com, DALE <wa7ixk@...> wrote:
>
> Why not just use a higher gain antenna??
> Dale
>
>
> ----- Original Message -----
> From: "David" <d_marotti@...>
> To: FT897@yahoogroups.com
> Sent: Sunday, November 28, 2010 1:16:33 PM
> Subject: [FT897] UHF Amplifier
>
>
>
>
>
>
>
> The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.
>
> My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.
>
> David

31943. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 18:30:49 UTC
From: Joe
Topic: 31921 Message: 31943

Be careful! A higher gain antenna won't necessarily get you better range.
Higher gain antennas have a different angle of radiation and that,
sometimes, can even limit your range, specially if one is operating in
mountainous or hilly terrain.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "pe1dcd" <peter.pe1dcd@...>
Subject: [FT897] Re: UHF Amplifier

> I agree with Dale, David.

> --- In FT897@yahoogroups.com, DALE
>> Why not just use a higher gain antenna??

31944. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 18:57:39 UTC
From: Rob Stampfli
Topic: 31913 Message: 31944

On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> We've had the 897D for over a year now and this afternoon I decided to cheque
> out 60 metres.
> I heard two frequencies coming in loud and clear.
> I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> strange. Then I realised that when
> you're on 60 metres the radio won't go to AM to tune as it does on other bands.

You are correct that the AT-897Plus will not tune the conventional way
on 60m, because the Yaesu FT-897 will not go into AM mode on these
channels to generate a carrier. However, the following alternative
method works for me:

+ Set your PO down to a low value. 10W is more than sufficient.
+ Select the channel you want to use on the FT-897.
+ Take a deep breath.
+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
+ Release the Tune button, quickly key the mic, and give a long slow whistle.
+ If you run out of breath before the tune cycle is complete, quickly
inhale and keep whistling.
+ Readjust the PO as necessary, but in no case to >50W (per regs).

This method works fine for me.

Rob / KD8WK

31945. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:03:02 UTC
From: Dan Schaaf
Topic: 31913 Message: 31945

Tuning is not permitted on 60 meter channels.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: Rob Stampfli
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 1:57 PM
Subject: Re: [FT897] 60 metres tuning

On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> We've had the 897D for over a year now and this afternoon I decided to cheque
> out 60 metres.
> I heard two frequencies coming in loud and clear.
> I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> strange. Then I realised that when
> you're on 60 metres the radio won't go to AM to tune as it does on other bands.

You are correct that the AT-897Plus will not tune the conventional way
on 60m, because the Yaesu FT-897 will not go into AM mode on these
channels to generate a carrier. However, the following alternative
method works for me:

+ Set your PO down to a low value. 10W is more than sufficient.
+ Select the channel you want to use on the FT-897.
+ Take a deep breath.
+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
+ Release the Tune button, quickly key the mic, and give a long slow whistle.
+ If you run out of breath before the tune cycle is complete, quickly
inhale and keep whistling.
+ Readjust the PO as necessary, but in no case to >50W (per regs).

This method works fine for me.

Rob / KD8WK

[Non-text portions of this message have been removed]

31946. [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:16:47 UTC
From: Bitpool
Topic: 31946 Message: 31946

Hi!

My Trusty Ft897, has gone bad on the RX but only on VHF, all other bands seems to work as usually, has anyone seen this error before?

I took a guess and changed Q1024, but no luck, the S-meter will not show any more than S6 no matter what? I "assume" that it's is not related to the switching diodes as the same circuit handles the signal path to UHF and the lower VHF area which show no error at all?
It's not that easy to troubleshoot this rig, as it seems most of the recieve unit is placed on the backside of the pcb :/.
So my hope is that some one has a clue of where to look?

Best 73's de oz8abr /Michael.

31947. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:23:19 UTC
From: af2c@njdxa.org
Topic: 31913 Message: 31947

Lest we forget. Try going into CW , using a straight key and low power
will achieve the same as the whistle routine except you have more control
in the process. :-)

73,
Jay/AF2C

At 01:57 PM 11/29/2010 -0500, you wrote:
>
>
>On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> > We've had the 897D for over a year now and this afternoon I decided to
> cheque
> > out 60 metres.
> > I heard two frequencies coming in loud and clear.
> > I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> > strange. Then I realised that when
> > you're on 60 metres the radio won't go to AM to tune as it does on
> other bands.
>
>You are correct that the AT-897Plus will not tune the conventional way
>on 60m, because the Yaesu FT-897 will not go into AM mode on these
>channels to generate a carrier. However, the following alternative
>method works for me:
>
>+ Set your PO down to a low value. 10W is more than sufficient.
>+ Select the channel you want to use on the FT-897.
>+ Take a deep breath.
>+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
>+ Release the Tune button, quickly key the mic, and give a long slow whistle.
>+ If you run out of breath before the tune cycle is complete, quickly
>inhale and keep whistling.
>+ Readjust the PO as necessary, but in no case to >50W (per regs).
>
>This method works fine for me.
>
>Rob / KD8WK
>

[Non-text portions of this message have been removed]

31948. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:28:16 UTC
From: Joe
Topic: 31913 Message: 31948

That is correct.

What I do is partially what has been suggested before..

I have a roller inductor tuner. I get out my trusty MFJ-259B, connect it to the wire via the tuner, and adjust the tuner to a flat match on the channel I want to use, then hook the radio back up and talk away. Takes maybe 1 minute of my time....

I should note, the best way would be to have a dipole cut to the frequency you want to use, but impractical for most of us. I use a 6-160 Windom antenna and it works quite well on 60 meters....as long as it is tuned correctly.

Much success in whatever you do..60m is a gas!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dan Schaaf" <dan-schaaf@...>
Subject: Re: [FT897] 60 metres tuning

> Tuning is not permitted on 60 meter channels.

31949. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:31:11 UTC
From: Joe
Topic: 31913 Message: 31949

Won't work...No CW in 60 meters (The radio will not go into CW mode while set to any of the 60m channels), and..as has been said in the previous message in this thread...tuning is not allowed in any of the 5, 60m channels.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: <af2c@...>
Subject: Re: [FT897] 60 metres tuning

> Lest we forget. Try going into CW , using a straight key and low power
> will achieve the same as the whistle routine except you have more control
> in the process. :-)
>
> 73,
> Jay/AF2C

31950. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:34:31 UTC
From: Dan Schaaf
Topic: 31913 Message: 31950

Jay

Key down or whistle, if the carrier is zero beat, it is not permitted on 60 meters.
Plain and simple.
Use an antenna analyzer and put the tuner between the analyzer and antenna. Then tune the tuner for low SWR and document the tunr settings.
Then in the future, when you want to transmit on 60, set the tuner according to the documented settings.
Otherwise cut the antenna to be resonant on 60 and forget the tuner.
The FCC clearly states that tuneing on the air on 60 is not permitted.
http://hflink.com/5mhz/
You can read it in item 4 under Useful operating techniques for the 5MHz channels:

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: af2c@...
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 2:23 PM
Subject: Re: [FT897] 60 metres tuning

Lest we forget. Try going into CW , using a straight key and low power
will achieve the same as the whistle routine except you have more control
in the process. :-)

73,
Jay/AF2C

At 01:57 PM 11/29/2010 -0500, you wrote:
>
>
>On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> > We've had the 897D for over a year now and this afternoon I decided to
> cheque
> > out 60 metres.
> > I heard two frequencies coming in loud and clear.
> > I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> > strange. Then I realised that when
> > you're on 60 metres the radio won't go to AM to tune as it does on
> other bands.
>

>You are correct that the AT-897Plus will not tune the conventional way
>on 60m, because the Yaesu FT-897 will not go into AM mode on these
>channels to generate a carrier. However, the following alternative
>method works for me:
>
>+ Set your PO down to a low value. 10W is more than sufficient.
>+ Select the channel you want to use on the FT-897.
>+ Take a deep breath.
>+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
>+ Release the Tune button, quickly key the mic, and give a long slow whistle.
>+ If you run out of breath before the tune cycle is complete, quickly
>inhale and keep whistling.
>+ Readjust the PO as necessary, but in no case to >50W (per regs).
>
>This method works fine for me.
>
>Rob / KD8WK
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31951. Re: [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:54:09 UTC
From: Rob Stampfli
Topic: 31946 Message: 31951

On Mon, Nov 29, 2010 at 08:16:47PM +0100, Bitpool wrote:
> My Trusty Ft897, has gone bad on the RX but only on VHF, all other bands
> seems to work as usually, has anyone seen this error before?
>
> I took a guess and changed Q1024, but no luck, the S-meter will not show
> any more than S6 no matter what? I "assume" that it's is not related to
> the switching diodes as the same circuit handles the signal path to UHF
> and the lower VHF area which show no error at all?
> It's not that easy to troubleshoot this rig, as it seems most of the
> recieve unit is placed on the backside of the pcb :/.
> So my hope is that some one has a clue of where to look?

Michael, your problem may indeed be hardware, but before you delve too deeply into your rig, take a look at the VHF adjustments in the service menu to see if they all look reasonable. In particular, I'd be curious to know what the setting for menu item NO-005 VHF-RXG (VHF-Receive Gain) is. It should probably be set somewhere around 80. If it is zero or very low, that may be your problem.

I recently posted about a glitch I had with my 897, which manifested itself in several squirrelly problems after the rig spontaneously did a full CPU reset imediately after power-on, the most significant of which was that it would only put out around 40W on 160m. At this point, I believe the problem to be purely software -- somehow some of the memory holding my service menu alignment values got corrupted.

Please note: The service menu is alignment data, and as such, there are no correct default values. What is stored there is data which is analagous to the internal adjustments you'd make to the variable components on the rig's boards during alignment at the factory and the correct values will vary from rig to rig. Normally, you never touch these unless you are doing a re-alignment, and as such, I never bothered to look at them prior to the glitch. However, given that I've lost some of this data, it appears I'll now have to reprogram some of these values.

And, given these values appear to be corruptible, I very much wich now that I'd gone into the service menu and recorded them previously. Had I done so, it would have been trivial to restore them after this glitch. Now, it appears I'll have to do a partial alignment.

Remember, these values should not be adjusted without good cause, but going into the menu and recording them certainly seems prudent.

For more information on the service menu items, see the service manual, or see the file "ft-897_alignment.pdf" in the files section of this

yahoo-group, which I think is available here:
http://f1.grp.yahoofs.com/v1/MPjzTPEReJz6zT66jWKEzoVvyg4a-eiS-iFgW3tpCjwcXXEMTD-xv2ILoxwYo3s9REJVo3BAJv9UeGraSliWYkzJNdyi/ft-897_alignment.pdf

Good luck,
Rob / KD8WK

31952. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:55:49 UTC
From: DALE
Topic: 31921 Message: 31952

A directional antenna towards the repeater will help.
Dale

----- Original Message -----
From: "Joe" <WA6RKN@...>
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 10:30:49 AM
Subject: Re: [FT897] Re: UHF Amplifier

Be careful! A higher gain antenna won't necessarily get you better range.
Higher gain antennas have a different angle of radiation and that,
sometimes, can even limit your range, specially if one is operating in
mountainous or hilly terrain.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "pe1dcd" < peter.pe1dcd@... >
Subject: [FT897] Re: UHF Amplifier

> I agree with Dale, David.

> --- In FT897@yahoogroups.com , DALE
>> Why not just use a higher gain antenna??

[Non-text portions of this message have been removed]

31953. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 19:57:02 UTC
From: af2c@njdxa.org
Topic: 31913 Message: 31953

I'm not am not suggesting breaking any rules. Perhaps using a single tone will do the trick. However, care must be taken to keep your transmitted signal within the bandwidth restriction set forth in the rules.

Speech Processing should be "off" to remain within the parameters set by the FCC and the 50Watt ERP should be adhered to. You wouldn't know that these restrictions exist if you monitor the band.

Of course an antenna analyzer and a cheap manual atu would solve the tuning problem. :-))

73,
Jay/AF2C

At 11:31 AM 11/29/2010 -0800, you wrote:
>
>
>Won't work...No CW in 60 meters (The radio will not go into CW mode while
>set to any of the 60m channels), and..as has been said in the previous
>message in this thread...tuning is not allowed in any of the 5, 60m
>channels.
>
>Joe Wolfe
>WA6RKN
>Reno, Nevada
>
>----- Original Message -----
>From: <<mailto:af2c%40njdxa.org>af2c@...>
>Subject: Re: [FT897] 60 metres tuning
>
> > Lest we forget. Try going into CW , using a straight key and low power
> > will achieve the same as the whistle routine except you have more control
> > in the process. :-)
> >
> > 73,
> > Jay/AF2C
>
>

[Non-text portions of this message have been removed]

31954. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 20:05:56 UTC
From: DALE
Topic: 31913 Message: 31954

Be nice if every one would read the 60 M rules and obey them.
Dale

----- Original Message -----
From: af2c@...
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 11:23:19 AM
Subject: Re: [FT897] 60 metres tuning

Lest we forget. Try going into CW , using a straight key and low power
will achieve the same as the whistle routine except you have more control
in the process. :-)

73,
Jay/AF2C

At 01:57 PM 11/29/2010 -0500, you wrote:
>
>
>On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> > We've had the 897D for over a year now and this afternoon I decided to
> cheque
> > out 60 metres.
> > I heard two frequencies coming in loud and clear.
> > I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> > strange. Then I realised that when
> > you're on 60 metres the radio won't go to AM to tune as it does on
> other bands.
>
>You are correct that the AT-897Plus will not tune the conventional way
>on 60m, because the Yaesu FT-897 will not go into AM mode on these
>channels to generate a carrier. However, the following alternative
>method works for me:
>
>+ Set your PO down to a low value. 10W is more than sufficient.
>+ Select the channel you want to use on the FT-897.
>+ Take a deep breath.
>+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
>+ Release the Tune button, quickly key the mic, and give a long slow whistle.
>+ If you run out of breath before the tune cycle is complete, quickly
>inhale and keep whistling.
>+ Readjust the PO as necessary, but in no case to >50W (per regs).
>
>This method works fine for me.
>
>Rob / KD8WK

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31955. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 20:20:04 UTC
From: Rob Stampfli
Topic: 31913 Message: 31955

On Mon, Nov 29, 2010 at 02:03:02PM -0500, Dan Schaaf wrote:
> Tuning is not permitted on 60 meter channels.

Dan (et. al.),
I don't wan't to get into a flamefest over this, but the regs for 60m
do not address "tuning". They only address modes of operation.

Below is a snippet from the ARRL's 60-meter FAQ, which can be found
in its entirety here: http://www.arrl.org/60-meter-faq

"But if USB is the only permissible emission, how can hams "tune up"
on 5 MHz? That might mean putting out a carrier.
...
Most automatic tuners do require briefly transmitting a small amount
of carrier over the air. Not recommended but probably legal (as long
as you're not interfering with other stations) would be the tried and
true "whistling" or "hellllllooooo" methods."

I will also point out that antenna analyzers are no panacea. They
work by injecting a small RF signal into the antenna, too.

Reasonable people may disagree on the interpretation of the rules, and
if you believe a whistle is contrary to the rules, by all means don't
do it.

These are my final comments on this matter here,
Rob / KD8WK

31956. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 20:30:47 UTC
From: JP Douglas
Topic: 31913 Message: 31956

60 metres on 897, being that it's programmed in, won't let you go to CW, it stays on USB.
It didn't look like I was getting extremely high SWR anyway, maybe 2:1

73 de Jose Douglas - KB1TCD

From: "af2c@..." <af2c@...>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 2:23:19 PM
Subject: Re: [FT897] 60 metres tuning

Lest we forget. Try going into CW , using a straight key and low power will achieve the same as the whistle routine except you have more control in the process. :-)

73,
Jay/AF2C

At 01:57 PM 11/29/2010 -0500, you wrote:
>
>
>On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> > We've had the 897D for over a year now and this afternoon I decided to
> cheque
> > out 60 metres.
> > I heard two frequencies coming in loud and clear.
> > I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> > strange. Then I realised that when
> > you're on 60 metres the radio won't go to AM to tune as it does on
> other bands.
>
>You are correct that the AT-897Plus will not tune the conventional way
>on 60m, because the Yaesu FT-897 will not go into AM mode on these
>channels to generate a carrier. However, the following alternative
>method works for me:
>
>+ Set your PO down to a low value. 10W is more than sufficient.
>+ Select the channel you want to use on the FT-897.
>+ Take a deep breath.
>+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
>+ Release the Tune button, quickly key the mic, and give a long slow whistle.
>+ If you run out of breath before the tune cycle is complete, quickly
>inhale and keep whistling.
>+ Readjust the PO as necessary, but in no case to >50W (per regs).
>

>This method works fine for me.
>
>Rob / KD8WK
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31957. Re: [FT897] Re: UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-29 20:34:15 UTC
From: JP Douglas
Topic: 31921 Message: 31957

Ayep, my friend just ordered a pair of yagi's for us for 70cm from arrow antennas, we're going to try digital ssb on simplex.

73 de Jose Douglas - KB1TCD

From: DALE <wa7ixk@...m>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 2:55:49 PM
Subject: Re: [FT897] Re: UHF Amplifier

A directional antenna towards the repeater will help.
Dale

----- Original Message -----
From: "Joe" <WA6RKN@gmail.com>
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 10:30:49 AM
Subject: Re: [FT897] Re: UHF Amplifier

Be careful! A higher gain antenna won't necessarily get you better range. Higher gain antennas have a different angle of radiation and that, sometimes, can even limit your range, specially if one is operating in mountainous or hilly terrain.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "pe1dcd" < peter.pe1dcd@... >
Subject: [FT897] Re: UHF Amplifier

> I agree with Dale, David.

> --- In FT897@yahoogroups.com , DALE
>> Why not just use a higher gain antenna??

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31958. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 21:02:35 UTC
From: Dean Gibson AE7Q
Topic: 31913 Message: 31958

We have covered this *over and over* in this group, and we even have an opinion from the FCC legal counsel, Riley Hollingsworth, that you *CAN* tune on 60 meters, if you do it in the channel center, and not on the suppressed carrier frequency.

See the thread on 2005-07-01 for Riley's response.

-- Dean

On 2010-11-29 11:03, Dan Schaaf wrote:
> Tuning is not permitted on 60 meter channels.
>
> Dan Schaaf
>
>

[Non-text portions of this message have been removed]

31959. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 21:07:25 UTC
From: Dan Schaaf
Topic: 31913 Message: 31959

Well Dean, that becomes difficult to do since the band is channelized and how do you know you are dead nut on channel center when you key down?
Everyone's VFO is a bit off one way or another, I would bet.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: Dean Gibson AE7Q
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 4:02 PM
Subject: Re: [FT897] 60 metres tuning

We have covered this *over and over* in this group, and we even have an opinion from the FCC legal counsel, Riley Hollingsworth, that you *CAN* tune on 60 meters, if you do it in the channel center, and not on the suppressed carrier frequency.

See the thread on 2005-07-01 for Riley's response.

-- Dean

On 2010-11-29 11:03, Dan Schaaf wrote:
> Tuning is not permitted on 60 meter channels.
>
> Dan Schaaf
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31960. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 21:15:35 UTC
From: Dean Gibson AE7Q
Topic: 31913 Message: 31960

OK, I tried to *simplify* it for you, but you can tune up anywhere
within the channel.

Your response is argumentative and off point, and I refuse to discuss it
with you any more.

On 2010-11-29 13:07, Dan Schaaf wrote:
> Well Dean, that becomes difficult to do since the band is channelized and how do you know you are dead nut on channel center when you key down?
> Everyone's VFO is a bit off one way or another, I would bet.
>
> Dan Schaaf
>
>
> ----- Original Message -----
> From: Dean Gibson AE7Q
> To: FT897@yahoogroups.com
> Sent: Monday, November 29, 2010 4:02 PM
> Subject: Re: [FT897] 60 metres tuning
>
>
>
> We have covered this *over and over* in this group, and we even have an opinion from the FCC legal counsel, Riley Hollingsworth, that you *CAN* tune on 60 meters, if you do it in the channel center, and not on the suppressed carrier frequency.
>
> See the thread on 2005-07-01 for Riley's response.
>
> -- Dean
>
> On 2010-11-29 11:03, Dan Schaaf wrote:
> > Tuning is not permitted on 60 meter channels.
> >
> > Dan Schaaf
> >
> >
>
>

[Non-text portions of this message have been removed]

31961. Re: 60 metres

Yahoo group: FT897 (2010)
Date: 2010-11-29 21:49:56 UTC
From: Radio_Randy
Topic: 31913 Message: 31961

Jose,

It seems that a few people are having problems with the LDG tuner and 60 meters on the 897D. My first response was that my LDG Z-11Pro tunes up fine on 60. What I didn't take into consideration is the fact that my radio has been modified.

The fact is that my 897D was given the "wideband" treatment. Because of that, it will do ANY mode (and freqency) on 60 meters and not just USB. This is probably why my autotuner operates normally.

It looks as though you may just have to use one of the other recommendations given for tuning, unless you decide to do the wideband mod, yourself. Of course, operating 60 is more complicated when you have to tune in the frequency, select USB, etc, etc.

Good luck and 73.

Randy N7CKJ

--- In FT897@yahoogroups.com, JP Douglas <josedouglas@...> wrote:
>
> Hi all,
>
> We've had the 897D for over a year now and this afternoon I decided to cheque
> out 60 metres.
> I heard two frequencies coming in loud and clear.
> I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> strange. Then I realised that when
> you're on 60 metres the radio won't go to AM to tune as it does on other bands.
> Regardless, swr was acceptable, though I haven't tried to make any contacts as
> of yet.
>
> Just thought I'd through that out to stop the emergency vibes that are out
> there....;-)
>
> 73 de Jose Douglas - KB1TCD
>

31962. Re: No Frequency Display

Yahoo group: FT897 (2010)
Date: 2010-11-29 22:01:26 UTC
From: Radio_Randy
Topic: 31895 Message: 31962

Noel,

I'm glad to hear your radio is working, again.

In the instructions that came with Yaesu's internal power supply, it is stressed that you power the radio off prior to turning the supply's switch off. This may partly be due to the fact that when your remove power to the radio, without turning it off with the button, the radio will come back on the the same state as before you removed power. Maybe that had something to do with your issue.

I don't see a problem with running both rigs from the same supply as long as the supply can handle the total draw. I run my 950, 897D (some times) and 2 meter rig all on the same 20 amp supply. As long as I don't try to transmit on multiple radios at once, everything hums along fine.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Noel Zeibari" <n3nz@...> wrote:
>
> HI Randy,
>
> Your info makes sense to me now. When I had no response from the group, I disconnected the Cat cable, signaLink,
> MFJ auto tuner and Iambic keyer and turned the radio and power supply off. The next day, switched the PS and radio on
> and every thing was normal again, what a relief!
> I am trying to remember what caused the problem, a lesson to learn from my mistakes.
> 1- Turned off the switch from the power supply while radio is on?
> 2- FT-897D and the Kenwood TS-450SAT share the same power supply... I'll be paying attention more closely to
> switch things off orderly.
>
> 73's Best regards, Noel (OM) N3NZ
> ----- Original Message -----
> From: Radio_Randy
> To: FT897@yahoogroups.com
> Sent: Monday, November 29, 2010 10:14 AM
> Subject: [FT897] Re: No Frequency Display
>
>
>
>
> Noel,
>
> Disconnect everything from your radio. Internal batteries, mike, key, etc. Then try to power the unit up.
>

> If the fan is still running (and the display is blank), try doing a master reset as per the manual, anyway, and see if that helps. Barring those steps (unless someone has another idea), your rig might just be heading to the shop for repairs.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "voskiarzat" <n3nz@> wrote:
> >
> > All,
> >
> > The rig is an FT-897D, today turned on the power supply on and I get no freq. display on the rig, but I hear the fan is running continuasly.
> > The on-off switch is not even turning fan off. When I turn the power
> > supply switch to off, I see the display light momentarily and the
> > fan is turned off.
> >
> > Any ideas what the problem is? What can I do to correct the problem?
> >
> > Regards.
> >
> > Noel (OM) N3NZ
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

31963. RE: [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-11-29 22:02:29 UTC
From: eric@van-de-weyer.org
Topic: 31946 Message: 31963

Hi Michael,

before you try anything else, do a complete reset of your radio.

I have had the same problem a few years ago on my FT100D and about a month ago on my FT857D, which is the same radio as the 897D, and in both cases, a full reset fixed it.

If you have memories programmed, then i suggest you download a copy of them first so that you can reload them into the radio after you do the reset as it will clear all the memories.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Bitpool <bitpool@...>
>Date: Mon, 29 Nov 2010 20:16:47 +0100
>Subject: [FT897] Bad recieve sensivity on VHF
>Reply-To: FT897@yahoogroups.com
>
>
>Hi!
>
>My Trusty Ft897, has gone bad on the RX but only on VHF, all other bands
>
>seems to work as usually, has anyone seen this error before?
>
>I took a guess and changed Q1024, but no luck, the S-meter will not show
>
>any more than S6 no matter what? I "assume" that it's is not related to

>the switching diodes as the same circuit handles the signal path to UHF

>and the lower VHF area which show no error at all?
>It's not that easy to troubleshoot this rig, as it seems most of the
>recieve unit is placed on the backside of the pcb :/.
>So my hope is that some one has a clue of where to look?
>
>Best 73's de oz8abr /Michael.
>
>
>----------
>
>Yahoo! Groups Links
>
>

>

31964. MIC Plug and Echolink

Yahoo group: FT897 (2010)
Date: 2010-11-30 01:34:32 UTC
From: scotchmandr
Topic: 31964 Message: 31964

I attempted to use my 817 with Echolink and have the same problem with two 817s and a test 897. As soon as I hook up an external soundcard interface and plug into the mini-Din port I get noise on the Soundcard input/Mic line that is high enough to prevent use and even kick Echolink into permanent TX mode. Also, the volume out from the Din is not high enough and no squelching of FM.

So, I am tapping the Speaker Jack for Audio from the Radio to the PC. But to remove the noise on the Mic Line I need to take the Audio from PC to Radio Mic by tapping into the RJ45 plug on the Radio.

I want to make an adapter similar to the Mic-to-CW adapter by W4RT for the 8x7 series. And use the *x7 radio's built in VOX to handle the TX/RX switching. This concept works with my VX-7 HT.

QUESTION:

If I use a Stereo Jack; the Tip would be MIC, Ring is PTT, and Sleeve is Ground? Yes? Do I worry about Mic-Gnd pin? Or use the regular Gnd pin?

Do I need a resistor or anything added to the PTT line?

Any advice would be helpful, better yet is if someone else already has an adapter like this made.

TNX 72/73, Phillip N8AYE
-.-. --.- -.. . .--- -.-. ....- -.-- --- ..-

Collecting donations for WK1RK
Michigan Amateur Radio Kid's Net
QRP-ARCI#14220

31965. May have lost the finals , no amplifaction on HF .

Yahoo group: FT897 (2010)
Date: 2010-11-30 01:43:16 UTC
From: johnfaughn
Topic: 31965 Message: 31965

The radio still transmits , but only puts out a couple watts .
Looking for a diagnostic tree for checking out ?
I've tested with Bird 43 & Palstar dummy load and it still makes HF contacts , just low power , about 2 watts ?
Thanks
John
kd0cac

31966. Re: [FT897] May have lost the finals , no amplifaction on HF .

Yahoo group: FT897 (2010)
Date: 2010-11-30 02:50:41 UTC
From: Rob Stampfli
Topic: 31965 Message: 31966

On Tue, Nov 30, 2010 at 01:43:16AM -0000, johnfaughn wrote:
> The radio still transmits , but only puts out a couple watts .
> Looking for a diagnostic tree for checking out ?
> I've tested with Bird 43 & Palstar dummy load and it still makes HF contacts , just low power , about 2 watts ?

It would help to know what led up to this.

Rob / KD8WK

31967. Re: [FT897] May have lost the finals , no amplifaction on HF .

Yahoo group: FT897 (2010)
Date: 2010-11-30 13:16:38 UTC
From: John Faughn
Topic: 31965 Message: 31967

Actually , I'm not sure , in the beginning I thought that it was a result of setting up a new antenna and the center conductor got grounded , RV mount to body of RV .
Then with all the checking out , I'm not sure that it didn't happen when I 1st got the radio , refurbished at the local radio store / candy store is what many call it .
About the same performance as I look back as always .

On Mon, Nov 29, 2010 at 8:50 PM, Rob Stampfli <res@colnet.cmhnet.org> wrote:

>
>
> On Tue, Nov 30, 2010 at 01:43:16AM -0000, johnfaughn wrote:
> > The radio still transmits , but only puts out a couple watts .
> > Looking for a diagnostic tree for checking out ?
> > I've tested with Bird 43 & Palstar dummy load and it still makes HF
> contacts , just low power , about 2 watts ?
>
> It would help to know what led up to this.
>
> Rob / KD8WK
>
>

[Non-text portions of this message have been removed]

31968. MODERATOR MESSAGE: Halt Thread Re: 60 metres

Yahoo group: FT897 (2010)
Date: 2010-11-30 13:27:29 UTC
From: w4wb
Topic: 31913 Message: 31968

Folks,

Kindly halt this thread as civility is now lacking. Take it off-line (simplex) rather on the group.

The ARRL has a section on operating on 60m that may be useful to read. The page is at http://www.arrl.org/60-meter-faq# and see particularly the fifth FAQ entitled "But if USB is the only permissible emission, how can hams "tune up" on 5 MHz? That might mean putting out a carrier."

73,
Barry W4WB, Moderator

31969. Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-11-28 00:22:23 UTC
From: kd8dey
Topic: 31910 Message: 31969

I have 2 w4rt packs that went bad while I was in a nursing home.
I haven't tried rebuilding them yet BUT I opened one up and by the size of them I would Guess that they are size 4/3A

Could probably get somebody like Batteries plus to stitch them together then transfer all the stuff from the old packs over.....

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
> Anyone attempt this? Looks like C or sub-C cells would be in there, 11 in all, I've not tried to split the case open yet, but plan to. Any info out there on it?
>
> If it is potted in there or hard to get at I'll probably buy some new ones. I just wish Budd would fix us up an A123 lithium pack that fits inside the 897, but I'll settle for nimh for now.
>
> Clark
> WA3JPG
>

31970. 897 and AM

Yahoo group: FT897 (2010)
Date: 2010-11-28 15:41:07 UTC
From: Bob Langston
Topic: 31970 Message: 31970

Alot have been using this electret mod for their mic to allow full sound.
http://members.bellatlantic.net/~vze3rys4/D104UpgradeKit/

Bias would have to come off mod jack thru a resistor if the mic didn't have a battery.

Regards,
Bob

[Non-text portions of this message have been removed]

31971. External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-29 17:32:17 UTC
From: ab9df
Topic: 31971 Message: 31971

I have a 897d radio and my plug to attach my FT-Meter from LDG is not working correctly. My meter isnt working. If I wiggle the plug itself it will work if I am moving the plug. At first I thought I had a bad cable and replaced it. After replacing the cable, it still doesnt work. Now I think it is the plug itself. Has anyone else had this problem? Is there a fix to it without having to send the machine in? It just seems that the plug isnt making a good connection when plugged into the radio itself. Any advice??
Thanks! Rob AB9DF

31972. Yaesu connection

Yahoo group: FT897 (2010)
Date: 2010-11-27 15:56:21 UTC
From: yo9ikw
Topic: 31972 Message: 31972

How i must connect an Yaesu 897 D with an ARB 704 interface and an Ameritron AL 811 H ? How it should be the position of 2 jumpers inside the ARB 704. In the manual there are 40 posiztion for this 2 jumpers.I have the plug and play cable for Yaesu (PNP 8 M) and 2 RCA cables
Mni tnx !
73, Mike - yo9ikw

31973. Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-11-29 18:41:55 UTC
From: Mihai Negulescu
Topic: 31973 Message: 31973

Hi
I want to connect this 3 devices , but i`m not very sure how. I have 1 cable PNP 8M and 2 cable RCA to RCA. Also I d`ont know how must be the posiyon of 2 jumpers inside the ARB 704. The previus owner modify this jumpers and in manual thre are 4 positions for this jumpers.
TNX.
Mike/ YO9IKW

[Non-text portions of this message have been removed]

31974. RE: [FT897] External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-30 13:53:22 UTC
From: Ken Bandy
Topic: 31971 Message: 31974

Do you have the internal power supply mounted by chance? I recently found
that when trying to use my FT-meter with my rig that has the power supply
fitted caused the plug of the meter to not have a real solid connection.
However, when using the meter on my other FT-897D that doesn't have the PS,
I don't have the problem.

73,
Ken
KJ9B

> -----Original Message-----
> From: ab9df [mailto:rkik0614@...]
> Sent: Monday, November 29, 2010 12:32 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] External LDG Meter
>
> I have a 897d radio and my plug to attach my FT-Meter from LDG is not
> working correctly. My meter isnt working. If I wiggle the plug itself it
> will work if I am moving the plug. At first I thought I had a bad cable
> and replaced it. After replacing the cable, it still doesnt work. Now I
> think it is the plug itself. Has anyone else had this problem? Is there
> a fix to it without having to send the machine in? It just seems that the
> plug isnt making a good connection when plugged into the radio itself.
> Any advice??
> Thanks! Rob AB9DF

31975. RE: [FT897] External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-30 13:57:04 UTC
From: Chris Baker
Topic: 31971 Message: 31975

sounds like the plug connection not making good. possibly poor soldering. the 2.5mm plug solder points on some plugs are not good esp if plug cheap version.

btw dont know why peeps buy the meter as good fun making one for fraction of cost.

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

--- On Tue, 30/11/10, Ken Bandy <kj9b@...> wrote:

From: Ken Bandy <kj9b@...>
Subject: RE: [FT897] External LDG Meter
To: FT897@yahoogroups.com
Date: Tuesday, 30 November, 2010, 13:53

Do you have the internal power supply mounted by chance? I recently found

that when trying to use my FT-meter with my rig that has the power supply

fitted caused the plug of the meter to not have a real solid connection.

However, when using the meter on my other FT-897D that doesn't have the PS,

I don't have the problem.

73,

Ken

KJ9B

> -----Original Message-----

> From: ab9df [mailto:rkik0614@...]

> Sent: Monday, November 29, 2010 12:32 PM

> To: FT897@yahoogroups.com

> Subject: [FT897] External LDG Meter

>

> I have a 897d radio and my plug to attach my FT-Meter from LDG is not

> working correctly. My meter isnt working. If I wiggle the plug itself it

> will work if I am moving the plug. At first I thought I had a bad cable

> and replaced it. After replacing the cable, it still doesnt work. Now I

> think it is the plug itself. Has anyone else had this problem? Is there

> a fix to it without having to send the machine in? It just seems that the

> plug isnt making a good connection when plugged into the radio itself.

> Any advice??

> Thanks! Rob AB9DF

[Non-text portions of this message have been removed]

31976. Re: [FT897] External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-30 14:00:19 UTC
From: Robert Knight
Topic: 31971 Message: 31976

I dont have the internal power supply mounted in my radio. I really think that the plug isnt making a good contact. I call LDG about it because at first I thought it was the cable itself. They sent me a new cord and it didnt improve the situation. I guess the question is whether it is possible to fix it without having to send the radio into Yeasu. Any suggestions? Thanks! Rob AB9DF

Robert M. Knight, CPA

317-402-9903 Cell Phone
rkik0614@yahoo.com

From: Ken Bandy <kj9b@...t>
To: FT897@yahoogroups.com
Sent: Tue, November 30, 2010 7:53:22 AM
Subject: RE: [FT897] External LDG Meter

Do you have the internal power supply mounted by chance? I recently found that when trying to use my FT-meter with my rig that has the power supply fitted caused the plug of the meter to not have a real solid connection. However, when using the meter on my other FT-897D that doesn't have the PS, I don't have the problem.

73,
Ken
KJ9B

> -----Original Message-----
> From: ab9df [mailto:rkik0614@...]
> Sent: Monday, November 29, 2010 12:32 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] External LDG Meter
>
> I have a 897d radio and my plug to attach my FT-Meter from LDG is not
> working correctly. My meter isnt working. If I wiggle the plug itself it
> will work if I am moving the plug. At first I thought I had a bad cable
> and replaced it. After replacing the cable, it still doesnt work. Now I
> think it is the plug itself. Has anyone else had this problem? Is there
> a fix to it without having to send the machine in? It just seems that the
> plug isnt making a good connection when plugged into the radio itself.
> Any advice??
> Thanks! Rob AB9DF

[Non-text portions of this message have been removed]

31977. Re: 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-30 17:14:37 UTC
From: Jay
Topic: 31913 Message: 31977

I have spoken with LDG about the appropriate method to tune up the AT-897 Plus on 60...there suggestion was to whistle.

I tried this and was successful in tuning.

Give it a try...it works.

Jay - W0AVE
Olathe, KS

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Lest we forget. Try going into CW , using a straight key and low power
> will achieve the same as the whistle routine except you have more control
> in the process. :-)
>
> 73,
> Jay/AF2C
>
>
>
> At 01:57 PM 11/29/2010 -0500, you wrote:
> >
> >
> >On Sat, Nov 27, 2010 at 04:55:41PM -0800, JP Douglas wrote:
> > > We've had the 897D for over a year now and this afternoon I decided to
> > cheque
> > > out 60 metres.
> > > I heard two frequencies coming in loud and clear.
> > > I space out and tried to tune the rig, the LDG AT-897 Plus started to act
> > > strange. Then I realised that when
> > > you're on 60 metres the radio won't go to AM to tune as it does on
> > other bands.
> >
> >You are correct that the AT-897Plus will not tune the conventional way
> >on 60m, because the Yaesu FT-897 will not go into AM mode on these
> >channels to generate a carrier. However, the following alternative
> >method works for me:
> >
> >+ Set your PO down to a low value. 10W is more than sufficient.
> >+ Select the channel you want to use on the FT-897.
> >+ Take a deep breath.
> >+ Hit the "Tune" button on the AT-897Plus until the red light comes on.
> >+ Release the Tune button, quickly key the mic, and give a long slow whistle.
> >+ If you run out of breath before the tune cycle is complete, quickly
> >inhale and keep whistling.

> >+ Readjust the PO as necessary, but in no case to >50W (per regs).
> >
> >This method works fine for me.
> >
> >Rob / KD8WK
> >
>
> ----------
>
>
>
> [Non-text portions of this message have been removed]
>

31978. Re: [FT897] External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-30 17:25:10 UTC
From: B Young
Topic: 31971 Message: 31978

You might want to check with LDG support. Maybe they can give you some ideas on how to test to see if the connection is good on the radio and meter.

73, K9BAY

On Tue, Nov 30, 2010 at 9:00 AM, Robert Knight <rkik0614@yahoo.com> wrote:

I dont have the internal power supply mounted in my radio. I really think that
the plug isnt making a good contact. I call LDG about it because at first I

thought it was the cable itself. They sent me a new cord and it didnt improve
the situation. I guess the question is whether it is possible to fix it without
having to send the radio into Yeasu. Any suggestions? Thanks! Rob AB9DF

Robert M. Knight, CPA

317-402-9903 Cell Phone
rkik0614@... <rkik0614%40yahoo.com>

From: Ken Bandy <kj9b@... <kj9b%40arrl.net>>

To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
Sent: Tue, November 30, 2010 7:53:22 AM

Subject: RE: [FT897] External LDG Meter

Do you have the internal power supply mounted by chance? I recently found that when trying to use my FT-meter with my rig that has the power supply fitted caused the plug of the meter to not have a real solid connection. However, when using the meter on my other FT-897D that doesn't have the PS, I don't have the problem.

73,
Ken
KJ9B

> -----Original Message-----
> From: ab9df [mailto:rkik0614@yahoo.com <rkik0614%40yahoo.com>]
> Sent: Monday, November 29, 2010 12:32 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] External LDG Meter
>

> I have a 897d radio and my plug to attach my FT-Meter from LDG is not
> working correctly. My meter isnt working. If I wiggle the plug itself it
> will work if I am moving the plug. At first I thought I had a bad cable
> and replaced it. After replacing the cable, it still doesnt work. Now I
> think it is the plug itself. Has anyone else had this problem? Is there
> a fix to it without having to send the machine in? It just seems that the
> plug isnt making a good connection when plugged into the radio itself.
> Any advice??
> Thanks! Rob AB9DF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

31979. Re: [FT897] External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-11-30 19:39:00 UTC
From: Patrick
Topic: 31971 Message: 31979

Sounds like the 1/8th inch jack has a cold solder joint on the PC board.
Will require some disassembly. Then a touch up of solder on the leads. An
easy job as far as the soldering part, but I'm not sure about the
disassembly.

Good Luck de Patrick KI8UM

On Mon, Nov 29, 2010 at 12:32 PM, ab9df <rkik0614@...> wrote:

>
>
> I have a 897d radio and my plug to attach my FT-Meter from LDG is not
> working correctly. My meter isnt working. If I wiggle the plug itself it
> will work if I am moving the plug. At first I thought I had a bad cable and
> replaced it. After replacing the cable, it still doesnt work. Now I think it
> is the plug itself. Has anyone else had this problem? Is there a fix to it
> without having to send the machine in? It just seems that the plug isnt
> making a good connection when plugged into the radio itself. Any advice??
> Thanks! Rob AB9DF
>
>
>

[Non-text portions of this message have been removed]

31980. FT-897D For Sale

Yahoo group: FT897 (2010)
Date: 2010-11-30 19:43:26 UTC
From: northsider20
Topic: 26864 Message: 31980

I have up for sale my Yaesu FT-897D. With the LDG FT Meter, LDG AT 897 Plus. Comes with power cord, MH-31 Hand mic, and manual. No box for the 897, but have the box, and paper work for the AT-897Plus. All are in excellent shape. Email me for pics, and details. $800 plus shipping.

Thanks Patrick KI8UM

31981. Re: [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-11-30 20:22:05 UTC
From: Bitpool
Topic: 31946 Message: 31981

Hi Again!

Thank you very much people who have taken your time to reply to this
thread, now after having tried(again) a full reset which yeildet no change.
Checked the service menu, values looks fair(vhf 128), I found that after
a recheck, that also uhf is deaf! BUT only on FM and PKT, am / ssb is okay?

So I guess this leads me to the conclution that the signal path is okay?
Also checked the vco vcv voltages and they are okay(just for the reference).
Guess this gets more and more odd, hihi..

Anyone got a good idea?

/Michael(oz8abr)
>
> Hi!
>
> My Trusty Ft897, has gone bad on the RX but only on VHF, all other bands
> seems to work as usually, has anyone seen this error before?
>
> I took a guess and changed Q1024, but no luck, the S-meter will not show
> any more than S6 no matter what? I "assume" that it's is not related to
> the switching diodes as the same circuit handles the signal path to UHF
> and the lower VHF area which show no error at all?
> It's not that easy to troubleshoot this rig, as it seems most of the
> recieve unit is placed on the backside of the pcb :/.
> So my hope is that some one has a clue of where to look?
>
> Best 73's de oz8abr /Michael.
>
>

[Non-text portions of this message have been removed]

31982. Re: [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-11-30 21:01:30 UTC
From: Rob Stampfli
Topic: 31946 Message: 31982

On Tue, Nov 30, 2010 at 09:22:05PM +0100, Bitpool wrote:
> Hi Again!
>
> Thank you very much people who have taken your time to reply to this
> thread, now after having tried(again) a full reset which yeildet no change.
> Checked the service menu, values looks fair(vhf 128), I found that after
> a recheck, that also uhf is deaf! BUT only on FM and PKT, am / ssb is okay?

Michael, the service menu value "128" scares me. That's what mine was
set to, also, after the glitch that caused the rig to spontaneously
reset, and apparently this is the "safe" value Yaesu stores there prior
to the rig's alignment. Are all your RXG values set to 128? (NO-001
to NO-006?) Is NO-007 / SSB-S9 set to something different? Did your rig
ever spontaneously reset itself? If so, you may well have suffered a
corrupted memory. OTOH, my UHF/VHF receive is not deaf, although I
haven't played around with them too seriously since my incident.

Good luck,
Rob

31983. HSWR on UHF ??????

Yahoo group: FT897 (2010)
Date: 2010-11-30 23:24:34 UTC
From: dodge
Topic: 31983 Message: 31983

Just connected my 897D to my discon antenna here at the base.

It indicates a very high SWR,(5:1) but all my other rigs using the same setup (Antenna, Switch, Meter, and coax) have little or no SWR.

Tried different ports on the switch, swapped cables between the 706 and 897. Power gauges and the 897 and external SWR/POWER meter both indicate 10 watts.

Menu 075 "RF POWER SET set to 20 (max for uhf)
Menu 051 "FM MIC GAIN" set to 40

Setup
FT-897D
FP-30 Power Supply
FC-30 Antenna Tuner
Heil Handi Mic with HM-5 element
LDG FTL-Meter (new today).

Frequency 444.xxx RX 449.xxx TX

Help Please.

Ron VA6RP

31984. Re: HSWR on UHF ?????? SLOVED

Yahoo group: FT897 (2010)
Date: 2010-12-01 00:38:59 UTC
From: dodge
Topic: 31983 Message: 31984

Sorry for the post Guys !! I connected the 897 to a totally different antenna setup,the one I normally use for Echolink (VA6 RP/R), and all is OK. 25 watts and 1:1.75 SWR.

Ron. VA6RP

****

--- In FT897@yahoogroups.com, "dodge" <acr_96@...> wrote:
>
> Just connected my 897D to my discon antenna here at the base.
>
> It indicates a very high SWR,(5:1) but all my other rigs using the same setup (Antenna, Switch, Meter, and coax) have little or no SWR.
>
> Tried different ports on the switch, swapped cables between the 706 and 897. Power gauges and the 897 and external SWR/POWER meter both indicate 10 watts.
>
> Menu 075 "RF POWER SET set to 20 (max for uhf)
> Menu 051 "FM MIC GAIN" set to 40
>
> Setup
> FT-897D
> FP-30 Power Supply
> FC-30 Antenna Tuner
> Heil Handi Mic with HM-5 element
> LDG FTL-Meter (new today).
>
> Frequency 444.xxx RX 449.xxx TX
>
> Help Please.
>
> Ron VA6RP
>

31985. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 01:27:40 UTC
From: Danny Loyd
Topic: 31913 Message: 31985

If there is no tuning on 60 meters, why does the band plan give a tuning frequency for each channel?

Danny
KE5WDI

From: Rob Stampfli <res@...>
To: FT897@yahoogroups.com
Sent: Mon, November 29, 2010 2:20:04 PM
Subject: Re: [FT897] 60 metres tuning

On Mon, Nov 29, 2010 at 02:03:02PM -0500, Dan Schaaf wrote:
> Tuning is not permitted on 60 meter channels.

Dan (et. al.),
I don't wan't to get into a flamefest over this, but the regs for 60m do not address "tuning". They only address modes of operation.

Below is a snippet from the ARRL's 60-meter FAQ, which can be found in its entirety here: http://www.arrl.org/60-meter-faq

"But if USB is the only permissible emission, how can hams "tune up" on 5 MHz? That might mean putting out a carrier.
...
Most automatic tuners do require briefly transmitting a small amount of carrier over the air. Not recommended but probably legal (as long as you're not interfering with other stations) would be the tried and true "whistling" or "hellllllooooo" methods."

I will also point out that antenna analyzers are no panacea. They work by injecting a small RF signal into the antenna, too.

Reasonable people may disagree on the interpretation of the rules, and if you believe a whistle is contrary to the rules, by all means don't do it.

These are my final comments on this matter here,
Rob / KD8WK

[Non-text portions of this message have been removed]

31986. Ft897 CAT To RS 232 Port Issues

Yahoo group: FT897 (2010)
Date: 2010-12-01 01:42:20 UTC
From: KA6UUP
Topic: 31986 Message: 31986

I am trying to connect to my FT897 with Ham Radio Delux.
I am using com1 at 9600 baud but the connection fails
I have RTS and DTS enabled.
Can anyone offer a solution
Tnx,
Chuck KA6UUP

31987. Re: [FT897] Ft897 CAT To RS 232 Port Issues

Yahoo group: FT897 (2010)
Date: 2010-12-01 02:07:25 UTC
From: Patrick
Topic: 31986 Message: 31987

I am running the USB cable through my LDG AT-897Plus. The baud rate is 4800.
I'm not sure if the radio alone will use this baud rate, but worth a try.

On Tue, Nov 30, 2010 at 8:42 PM, KA6UUP <ka6uup@...> wrote:

>
>
> I am trying to connect to my FT897 with Ham Radio Delux.
> I am using com1 at 9600 baud but the connection fails
> I have RTS and DTS enabled.
> Can anyone offer a solution
> Tnx,
> Chuck KA6UUP
>
>

[Non-text portions of this message have been removed]

31988. Re: [FT897] Ft897 CAT To RS 232 Port Issues

Yahoo group: FT897 (2010)
Date: 2010-12-01 02:26:27 UTC
From: b j
Topic: 31986 Message: 31988

I think the cat port uses 4800 baud.

DE Barry VE3BLM

[Non-text portions of this message have been removed]

31989. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 02:58:48 UTC
From: Bret McDanel
Topic: 31913 Message: 31989

On Tue, 2010-11-30 at 17:27 -0800, Danny Loyd wrote:
>
> If there is no tuning on 60 meters, why does the band plan give a
> tuning
> frequency for each channel?

the tuning they talked about was for antenna tuners not for tuning the radio. The FCC states the occupied bandwidth is limited to 2.8 kHz centered on 5332, 5348, 5368, 5373, and 5405 kHz. Most radios however display the carrier frequency (which is suppressed in USB mode). This means that you have to tune so the display reads 5330.5, 5346.5, 5366.5, 5371.5, 5403.5 respectively. IIRC one frequency was to be changed, I do not use 60m so I do not follow it that much, before actually transmitting you may want to get something more authoritative.

The antenna tuning method some people use is to zero beat a CW transmission on the desired frequency (so no tone is heard by everyone else) or setting to AM and disrupting any existing QSO on the given frequency. 60m only allows USB phone and nothing else so alternate methods of tuning must be employed to avoid running afoul of FCC rules.

From http://www.arrl.org/60-meter-faq
"A dummy load would be the device of choice for "tuning up" on 5 MHz, especially since many users will be attempting to transmit on a channel that's already got some activity on it (you wouldn't "tune up" on the local repeater input, would you?)."

This however is the stupidest thing I have read about radio. If you disconnect your antenna and connect a dummy load you will be tuning the dummy load not the antenna. When you swap back you will still not be tuned.

In that FAQ they do suggest that it is "probably legal" to key up and whistle or say hellllooooo, whistling however is not that good of a tuning method as its variable. Both methods create QRM and could cause issues for others already using the frequencies. They are also transmissions not intending to communicate and could run afoul of FCC rules for that purpose (although odds are, and thus the "probably legal" comment, no one will complain, people not complaining however does not mean its "probably legal").

Basically if your tuner requires a carrier to tune you are boned, there is no legal way for you to tune. If your tuner can tune while you talk on USB then you can do that and it might even work well for you.

KC2DWQ

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31990. Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-12-01 03:34:11 UTC
From: Clark
Topic: 31910 Message: 31990

Thanks! Yes, they're 4/3 AF cells. I went on line and found that the two places (batteries plus was first) that will rebuild them need about 90 bucks to do it, but I can get discounted batteries for the 897 for that price. So I'll either buy those (at 90 each) or attempt to rebuild myself (for about 60 each, and some risk that I don't get it right!)

I'll probably wait a bit on this.

Clark
WA3JPG

--- In FT897@yahoogroups.com, "kd8dey" <kd8dey@...> wrote:
>
>
> I have 2 w4rt packs that went bad while I was in a nursing home.
> I haven't tried rebuilding them yet BUT I opened one up and by the size of them I would Guess that they are size 4/3A
>
> Could probably get somebody like Batteries plus to stitch them together then transfer all the stuff from the old packs over.......
>

31991. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 05:20:49 UTC
From: Dean Gibson AE7Q
Topic: 31913 Message: 31991

On 2010-11-30 18:58, Bret McDanel wrote:
> ... From http://www.arrl.org/60-meter-faq:
> /"A dummy load would be the device of choice for "tuning up" on 5 MHz, especially since many users will be attempting to transmit on a channel that's already got some activity on it (you wouldn't "tune up" on the local repeater input, would you?)."/
>
> This however is the stupidest thing I have read about radio. If you disconnect your antenna and connect a dummy load you will be tuning the dummy load not the antenna. When you swap back you will still not be tuned.
>

That was my reaction when I first read it as well; however, after a little reflection I thought that they were probably referring to tuning the "tank" circuit of a tube final amplifier, where that might be a reasonable technique. However, 99.9% (and maybe even more) of amateurs have solid-state radios, where tuning into a dummy load doesn't serve much (if any) purpose. I agree with you; I think the ARRL's page on this subject needs to be updated ...

> In that FAQ they do suggest that it is "probably legal" to key up and whistle or say hellllooooo, whistling however is not that good of a tuning method as its variable.

With the FT-897 and the MH-59 microphone, press one of the digit buttons to generate a two-tone DTMF signal. This works in all voice modes. Sadly, the FT-897's capability of generating a 1750Hz tone only works in FM mode, and ANY *modulated* transmission on FM in this band will certainly violate both the letter and the intent of the regulation!

> Both methods create QRM and could cause issues for others already using the frequencies. They are also transmissions not intending to communicate and could run afoul of FCC
> rules for that purpose (although odds are, and thus the "probably legal" comment, no one will complain, people not complaining however does not mean its "probably legal").
>
> Basically if your tuner requires a carrier to tune you are boned, there is no legal way for you to tune.

Question to Riley Hollingsworth, *FCC legal counsel for amateur radio enforcement* on 2005-07-01:

/"My interpretation of §97.305(b) is that a brief (2-3 seconds) transmission of a carrier (WITHIN the 5MHz channel) is allowed for antenna tuner adjustment."/

His complete written response on 2005-07-01 (quoted subsequently multiple times on this forum):/
/

/"I don't see a problem with it."/

After that, followed a "healthy" discussion of what constituted a permitted signal and what constituted a "carrier". Put simply, there is MUCH CONFUSION in amateur radio about this subject; Yaesu had to publish an FAQ on their web site on the use of 60 meters with the FT-897, because some amateur went off half-cocked and on multiple web sites, posted messages accusing Yaesu of having the wrong frequencies programmed into the radio !!! Few amateurs apparently understand emission modes, not to mention the signal characteristics (eg, physics and mathematics) of each. I plan to do a web page soon on this subject, with RF FFT images from my 'scope.

For example (Bret, I'd guess you already know this stuff):

1. What is a single frequency emission? Is it CW (mode N0N), unmodulated AM (Mode A0N), unmodulated FM (F0N), or a (yet to be determined audio frequency) SSB (mode J3E) tone? You can't tell* until there are other signals to put the emission "in context".

2. What is an emission that consists of two frequencies, 1kHz apart, with one twice the amplitude of the other? Is it DSB (suppressed carrier), or an SSB (w/ carrier) single tone, or SSB (w/o carrier) two-tone (audio frequencies undetermined)? You can't (yet) tell*.

3. What is an emission that consists of three frequencies, 1kHz apart, with the middle one twice the amplitude of the others? Is it AM single tone, or an SSB (w/ reduced carrier) dual tone, or SSB (w/o carrier) three-tone (audio frequencies undetermined)? You can't (yet) tell*.

Once someone starts to transmit intelligence (eg, voice or data) in any mode, the mode usually becomes instantly obvious.

Which brings us to the *intent* of the regulations on this band:

1. Keep all emissions within the channel. This obviously includes tuning!

2. Be listening in USB, so that you can hear any request to get off the frequency.

3. Communicate and identify yourself in USB, so that listeners can contact you if necessary.

Sincerely, Dean AE7Q

ps: *To quote from my infamous message on 2005-07-02:

/If [anyone] claims there is a difference, tell us how ANYONE monitoring the signal can tell the difference. For the purpose of this question, assume that the entire radio monitoring capability of the US Gov't (FCC, military, CIA, and NSA) are sitting right outside my house with the most sophisticated monitoring equipment available, ready to pounce when I transmit a N0N, F0N, or A0N emission instead of a [single tone] J3E emission. However, they are not allowed to

use mind readers, telepaths, or aliens./

I don't write all this every time the subject comes up to be sarcastic, but to make a point: The reason I write it, is that many amateurs are in effect scared away from using 60 meters. There is no reason to be scared; just be careful.

[Non-text portions of this message have been removed]

31992. FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 05:59:52 UTC
From: Rob Stampfli
Topic: 31992 Message: 31992

```
But, first, a minor deviation to comment on another topic:
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
On Tue, Nov 30, 2010 at 06:58:48PM -0800, Bret McDanel wrote:
> From http://www.arrl.org/60-meter-faq
> "A dummy load would be the device of choice for "tuning up" on 5 MHz,
> especially since many users will be attempting to transmit on a channel
> that's already got some activity on it (you wouldn't "tune up" on the
> local repeater input, would you?)."
>
> This however is the stupidest thing I have read about radio. If you
> disconnect your antenna and connect a dummy load you will be tuning the
> dummy load not the antenna. When you swap back you will still not be
> tuned.

Hi Bret,
FWIW, I interpret the above as specifying a way to tune up a radio with
tube finals, as opposed to tuning an antenna. Theoretically, if you have
a perfectly matched antenna to begin with which presents a 50 ohm resistive
load at the frequency you desire to operate on, you can tune your tube rig
into a dummy load and it will be perfectly happy if you then substitute
the antenna. However, not many folks have such a setup today (either a
rig with tube finals, or a perfectly matched antenna). In any event, I
consider the advice is more arcane than stupid.
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=

OK, on to the topic at hand:

The real reason for this post is that I've pored over your website
"0xdecafbad.com" and have a few questions: I recently had a glitch
in my FT-897D that seems to have corrupted some of the rig's memory.
When I turned it on one evening last week, it did a spontaneous full
master reset. After that, I noticed some additional anomalies. I've
been able to trace some of them down to what appear to be errors in
the 897's memory. After the reset, all the RXG service menu items
were set to 128 and all the TXG values were all set to 64. Also, the
LSB- and USB- CAR-POINT values are both zero, which, while conceivable,
seem suspect.

My questions to you, since I know you have played around with the 897's
memory quite extensively:

Do you have any ideas what would cause this? I'm surmising that
something I did in the session immediately preceding the reset must
have either created a illegal value in some register or invalidated
a checksum, resulting in the rig resetting itself on the next power on.
I was operating on bands that I don't normally use, so perhaps I got
```

some RF into the CAT cable, causing some bogus command to be injected?

Have you ever done anything to provoke such a power-on reset in your testing? If so, what, if anything, did the reset wipe out of your service menu items?

What type of nonvolatile memory does the 897 have? Is it really an EEPROM or is it some NAND variant?

Your memory map seems to cover the service menu items plus the rig's operational settings (menu and function settings). Are there any other controllable items in the nonvolatile memory layout?

Where is the rig's firmware program located? Do you know if it's possible to update the firmware on the rig via the CAT interface?

Where did you get all your information about the CAT interface, such as how to dump a memory location? The 897's manual contains one page with only a few of the CAT commands documented on it.

Once I get the rig over to a friends' to be partially "re-aligned" so as to repopulate the correct service menu values that were reset, I'd like to make the changes I prefer to the regular menu items and save the state of the entire non-volatile memory. I see you have a memory dump program. Is there a program to upload such a memory dump back into the 897 in case this problem recurs?

Finally, do you know if this memory is shadowed elsewhere in the 897? One of the oddball things I noticed after my glitch was that the displayed voltage was wrong. It read consistently a couple 1/10th of a volt low. I went into the service menu and changed the voltage to 14V, saved it, reset it to 13.8V and resaved, and then it read 13.8V on the display once again, and I'm curious as to why this would be the case.

Anyway, thanks in advance for any insight you can shed on this,
Rob / KD8WK

31993. Re: [FT897] Ft897 CAT To RS 232 Port Issues

Yahoo group: FT897 (2010)
Date: 2010-12-01 06:12:26 UTC
From: Rob Stampfli
Topic: 31986 Message: 31993

On Tue, Nov 30, 2010 at 09:07:25PM -0500, Patrick wrote:
> I am running the USB cable through my LDG AT-897Plus. The baud rate is 4800.
> I'm not sure if the radio alone will use this baud rate, but worth a try.

Yes, the AT-897Plus requires the CAT interface on the radio to be set
to 4800 baud. However, if the serial port on your computer (or USB
cable) is also set to 4800 baud it can talk to the radio fine at that
baud rate, even reasonably well (but not perfectly) after it is chained
through the 897Plus. (You may have to fool around with setting DTR or
DSR -- I remember having to set one to make it work, but I forget which.)
In any event, 4800 baud is plenty fast enough for keeping HRD happy.

YMMV,
Rob / KD8WK

31994. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 06:18:11 UTC
From: Bret McDanel
Topic: 31913 Message: 31994

On Tue, 2010-11-30 at 21:20 -0800, Dean Gibson AE7Q wrote:

> Question to Riley Hollingsworth, *FCC legal counsel for amateur radio
> enforcement* on 2005-07-01:
>
> /"My interpretation of §97.305(b) is that a brief (2-3 seconds)
> transmission of a carrier (WITHIN the 5MHz channel) is allowed for
> antenna tuner adjustment."/
>

is that legally binding? I ask because the IRS can give you advice on tax matters and if they are wrong you still get punished. Their advice is not legally binding even if you have it in writing. Then there is the situations where state attorney generals have written letters stating their opinion of a gun transport law, and when someone followed that advice, exactly as written, the attorney general changed their opinion and charged the person. Their opinion was not legally binding even though they are the one that brought the charges against people (I can think of a specific instance in California where this exact thing happened).

AFAIK, and IANAL, the only binding opinion that matters would be a FCC rule which would have a NPRM written up beforehand.

With that said, most infractions of ham radio rules go unpunished, people do not report them (ham is self policed after all) and most people do not care. Sometimes it is innocent, noise in the background that violates a rule, discussions that drift towards music and someone sings to make the song they are talking about known, rebroadcasting a TV/Radio that is accidentally picked up in the background, language especially late at night, failure to ID every 10 minutes, or even intentional stuff which I have heard more than once especially on certain HF frequencies. I doubt that it would be reported let alone enforced if it is specifically for the purposes of tuning the radio and no longer than absolutely required.

I think this is another issue where the FCC needs to make a clear rule on this so that it is binding. It is similar to some nets that occur across national borders, most violate some rules of ham radio yet no one cares, wants to care, or even reports it and if reported I do not think the FCC would enforce, but a rule allowing such activities would prevent potential selective enforcement against individuals that for whatever reason are targeted. The FCC did such selective enforcement of one ham where they went after him merely because he did not change his address but instead left it at his mothers house. This shows that they are willing to do selective enforcement on some issues, and that would be a

fear I have when it comes to their rules and non-binding statements made.

> MUCH CONFUSION in amateur radio about this subject; Yaesu had to
> publish an FAQ on their web site on the use of 60 meters with the
> FT-897, because some amateur went off half-cocked and on multiple web
> sites, posted messages accusing Yaesu of having the wrong frequencies
> programmed into the radio !!!

I can see that since the FCC publishes the SSB frequency and Yaesu radios display the (missing) carrier frequency. Most radios display the carrier frequency, which is why the ARRL publishes both in their band plans and other places.

I think, although I may be wrong, that the general test has questions relating to 60m and what frequency is displayed vs what is actually transmitted. This would indicate that it is a problem large enough that they want to be sure people know this information.

> /If [anyone] claims there is a difference, tell us how ANYONE
> monitoring the signal can tell the difference. For the purpose of
> this question, assume that the entire radio monitoring capability of
> the US Gov't (FCC, military, CIA, and NSA) are sitting right outside
> my house with the most sophisticated monitoring equipment available,
> ready to pounce when I transmit a N0N, F0N, or A0N emission instead
> of a [single tone] J3E emission. However, they are not allowed to
> use mind readers, telepaths, or aliens./

well there are ways to monitor what frequency a radio is tuned to, although proximity is a key factor in that. This would work even if the radio is in receive only mode and not transmitting. While this is by no means new (the FCC was threatening to drive around looking for people monitoring cell phone communications back in the 80s) more recently (10 years ago) there was a commercial device that would do this as you enter a stadium to know what frequency your car radio was tuned to so they know where best to advertise for similar events. The tuning circuits give off a weak RF signal that can be detected and the frequency generally known despite any multiplier that is used to mix with the signal to pull it out.

By knowing what frequency you are tuned to when you key up they can identify some of what that signal is :) Would they? most likely not. Would they even care most of the time? probably not (especially if you drop to 5w to tune and do not rely on the radio auto-adjusting power downward until tuned). If its just to tune my guess is that while it breaks the rules, if it is as short as possible and low power it will be ignored.

>
> I don't write all this every time the subject comes up to be
> sarcastic,
> but to make a point: The reason I write it, is that many amateurs are

> in effect scared away from using 60 meters. There is no reason to be
> scared; just be careful.
>

I dont use it because all I get on the channels are commercial data from I think maritime sources. I have never made contacts on the band and trying to hear someone over this noise (which is authorized noise so I cant complain about it) is nearly impossible. I think this was so problematic that the ARRL petititoned the FCC to change one of the frequencies because it is always used for almost everyone by a primary license holder for such data transmissions. Never read (or cared) if that got changed. If it does change getting that fixed in the 897 would require sending the radio to Yaesu for a reflashing.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31995. AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-01 06:50:02 UTC
From: ke7adu
Topic: 31995 Message: 31995

Today I received the refurbished AT-897 I ordered from cheapham.com. I carefully followed the instructions to install the unit to side of my FT-897D and then attached the cables per the diagram in the manual. Installed an antenna and pressed the tune button. Nothing happened. I checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897 was set at 9600.

I pressed tune again for several seconds and still nothing happened. I power cycled the unit, double, tripe and quadruple checked the cables and I am convinced they are correct. My antenna is resonant on 160 meters so I tuned in a few QSO on 160 with no problem with the tuner in line. I also tried tuning on several bands I know require matching with my AT-1000.

Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.

Thanks,
Anthony
AE7HS

31996. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 08:08:44 UTC
From: Dean Gibson AE7Q
Topic: 31913 Message: 31996

On 2010-11-30 22:18, Bret McDanel wrote:
> On Tue, 2010-11-30 at 21:20 -0800, Dean Gibson AE7Q wrote:
>
>> Question to Riley Hollingsworth, *FCC legal counsel for amateur radio enforcement* on 2005-07-01:
>>
>> /"My interpretation of §97.305(b) is that a brief (2-3 seconds) transmission of a carrier (WITHIN the 5MHz channel) is allowed for antenna tuner adjustment."/
>>
>
> is that legally binding? I ask because the IRS can give you advice on tax matters and if they are wrong you still get punished. Their advice is not legally binding even if you have it in writing.
My understanding has always been that's incorrect. However, I did some (Google) research after your response, and apparently, "it depends"; see http://www.irs.gov/retirement/article/0,,id=218539,00.html

IRS "opinion letters" are generally given for retirement plans, and the letter may not be binding if the letter was used in a way contrary to the facts presented in the request, or in some other manner where the letter was used in an unanticipated situation.

I think the FCC case is similar. Clearly if you used the FCC response to characterize CW as a series of "tuning transmissions", even if you listened in USB mode, that would be an unwarranted usage of Mr. Hollingsworth reply. However, if you truly do brief tuning transmissions well within a channel, and identify with voice afterwards, I think you would be fine. I think the "reasonable" test prevails (as it does in almost all legal situations). Again, I think the intent is that you remain within the channel and communicate w/ USB voice so that you can be easily identified and asked to terminate operations if necessary.

Perhaps it would be nice if the FCC spelled it out in a rule, but notice that the word "tuning" or "tune" doesn't even appear in the part 97 regulations; the closest we come is §97.111(b)(1) [station adjustments] and §97.305(b) [test emissions]. Most everything else is left to "good operating practice" (§97.101(a) and §97.307(a)). I think that covers it quite well *...*

[Non-text portions of this message have been removed]

31997. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 08:23:33 UTC
From: Bret McDanel
Topic: 31992 Message: 31997

On Wed, 2010-12-01 at 00:59 -0500, Rob Stampfli wrote:

> Do you have any ideas what would cause this? I'm surmising that
> something I did in the session immediately preceding the reset must
> have either created a illegal value in some register or invalidated
> a checksum, resulting in the rig resetting itself on the next power
> on.
> I was operating on bands that I don't normally use, so perhaps I got
> some RF into the CAT cable, causing some bogus command to be injected?
>

it could be anything, there are many things that could cause that. The first two bytes on the external eeprom are a checksum. Not so much a checksum in the traditional sense, but a "magic number" that indicates the contents are what they are supposed to be. in hex it is A55A, in binary it is 1010 0101 0101 1010 so you get a good bit spread.

As for RF into the CAT cable causing a bogus command, it would take quite a bit to make that happen. The RF would have to cause a bit error at just the write time. Further, unless it is doing multiple bits while preserving the CAT/RS232 framing, it is unlikely that this would happen. For example to write 0x00 0x00 to the first two bytes of the eeprom (all writes are 2 bytes at a time) you would have to issue
0x00 0x00 0x00 0x00 0xBC

Anything else would not invalidate the entire eeprom (and I do not know that this would, but its the best guess if anything could). Since all CAT commands are 5 bytes long you would either have to send all 0s and the RF overwrites the 0xBC part to something that would be valid for 0xBC or whatever.

The voltages used on RS232 are +/-12V although some devices are +/-5 and +/-3 volts. The RF would have to cause at least a 3 volt shift (what the receiver is required to detect). The start bit is high, stop bit is low, a 1 is low a 0 is high. A low is the low voltage setting not 0v. This means for the stop bit and the 1s in binary that are sent the RF would not need to be there, additionally the computer would not be sending at that time, or sending a low signal at that time.

The odds of this happening are fairly low.

> Have you ever done anything to provoke such a power-on reset in your
> testing? If so, what, if anything, did the reset wipe out of your
> service menu items?
>

nope, nothing that I did not intend to do was done. Never had an error with it. A full reset will reset the alignment data, there is a CAT command to do that (undocumented) but that does not render the radio unusable it just renders it with 0 memories and 0 alignment data and everything else "factory fresh".

> What type of nonvolatile memory does the 897 have? Is it really an
> EEPROM or is it some NAND variant?
>

It is an I2C eeprom, I forget the model right now but its on my page somewhere. The CPU has an internal eeprom for the firmware and it natively speaks I2C so it is a straight forward connection. The external eeprom holds the alignment data, jumper data (firmware prevents just tweaking these values on newer models), memories, etc.

> Your memory map seems to cover the service menu items plus the rig's
> operational settings (menu and function settings). Are there any other
> controllable items in the nonvolatile memory layout?
>

There are a couple values that appear to be read in realtime, so a write will cause the radio to change functionality. There are also CAT commands (some undocumented) that let you cause the radio to do certain tasks.

> Where is the rig's firmware program located? Do you know if it's
> possible to update the firmware on the rig via the CAT interface?
>

The firmware is in the CPU, the CPU has a 128kB eeprom for the firmware. Jumper J1010 iirc is the one that is set to let you flash, but the CPU will erase what is there, then load a program from that connector and run the program. That program is supposed to be a loader program that will reflash the chip. Be warned that chip's internal eeprom only has 100 writes.

There are other ways to gain access to that eeprom though, unprotected ways where you can just bitbang a full read/write to the eeprom allowing for dumping, tweaking and reflashing. A "bus pirate" can be used to do this. The cpu is only like $5 or $20 (I forget which, its cheap either way) so replacing it is not difficult, http://www.chipquick.com makes it easy to desolder the chip with a regular stick iron then you can put on a socket for future upgrading. Not recommended for the faint of heart, if you dont really know what you are doing its easy to mess things up.

> Where did you get all your information about the CAT interface, such
> as
> how to dump a memory location? The 897's manual contains one page with
> only a few of the CAT commands documented on it.
>

trial and error, work of others, etc. CAT has a fixed byte format and
an error code for unknown commands. This means that it is not difficult
to write a scanner for it. I have such a scanner written as well. Once
you know that there is a command you have to look and figure out what it
does, there is one command I know about that I have no idea what it
does. All values sent appear to do nothing, at least nothing obvious.

> Once I get the rig over to a friends' to be partially "re-aligned" so
> as to repopulate the correct service menu values that were reset, I'd
> like to make the changes I prefer to the regular menu items and save
> the state of the entire non-volatile memory. I see you have a memory
> dump program. Is there a program to upload such a memory dump back
> into the 897 in case this problem recurs?
>

no but its trivial to write such a program. I have a perl module that
is used for the dumping tool, you just have to read a file and then
write the values. You will write them 16 bits at a time.

CAT command 0xBC will write. You send:
MSB LSB DATA1 DATA2 0xBC
MSB/LSB is the most significant byte/least significant byte of the
address. DATA1 and DATA2 are the 2 bytes you want to write.

The perl module uses $radio->writeEeprom() to make it easier.

> Finally, do you know if this memory is shadowed elsewhere in the 897?
I have not found any place that it is, its on the eeprom and that
appears to be it.

> One of the oddball things I noticed after my glitch was that the
> displayed
> voltage was wrong. It read consistently a couple 1/10th of a volt low.

Are you certain it is wrong? There could have been a component failure
before where it reads the voltage so what is input is not what is read
after it passes some of these components. That may indicate where a
failure occurred that caused the problem in the first place.
>

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31998. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-01 08:41:07 UTC
From: Bret McDanel
Topic: 31913 Message: 31998

On Wed, 2010-12-01 at 00:08 -0800, Dean Gibson AE7Q wrote:

>
> (Google) research after your response, and apparently, "it depends";
> see
> http://www.irs.gov/retirement/article/0,,id=218539,00.html
>

that is not what I was referring to, what I was referring to are the people that called/wrote the IRS asking questions and were given bad info and then ended up having legal difficulties. That is also not that relevant to the issue at hand, I offered it as well as the state Attorney General comments only to illustrate just because someone "official" says something does not make it binding.

I really dislike selective enforcement, and generally try to avoid being in situations where that can be done to me. To that end I would love to see a FCC rule specifically allowing non-USB based tuning on 60m, however I will stand behind my belief that if its short duration, just for tuning, etc no one will complain and the FCC will not investigate if anyone does complain (unless they are targeting you specifically like they did with the ham operator whose address was at his mothers house previously mentioned, he was not targeted for anything he did on the radio either).

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

31999. Re: [FT897] AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-01 09:44:19 UTC
From: Robin Jong
Topic: 31995 Message: 31999

Anthony

I had several problems with this tuner. I used some home made cables with no marks on the connector.
If you put the tuner end of the Y-ACC cable into the transceiver, and the transceiver end into the tuner, the tuner won't work. This cable is cross linked, and uses different contacts of the stereo 2,5mm plug.
So maybe you could re-check your cables again.
If everything fails, and you connected the cat cable properly, main power must be on the circuit, and pressing the tune button for 2 seconds must make the tuner reset, and perform a full scan.

Rob

_____
From: ke7adu <ae7hs@...>
To: FT897@yahoogroups.com
Sent: Wed, December 1, 2010 7:50:02 AM
Subject: [FT897] AT-897 won't tune

Today I received the refurbished AT-897 I ordered from cheapham.com. I carefully followed the instructions to install the unit to side of my FT-897D and then attached the cables per the diagram in the manual. Installed an antenna and pressed the tune button. Nothing happened. I checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897 was set at 9600.

I pressed tune again for several seconds and still nothing happened. I power cycled the unit, double, tripe and quadruple checked the cables and I am convinced they are correct. My antenna is resonant on 160 meters so I tuned in a few QSO on 160 with no problem with the tuner in line. I also tried tuning on several bands I know require matching with my AT-1000.

Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.

Thanks,
Anthony
AE7HS

[Non-text portions of this message have been removed]

32000. Re: [FT897] AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-01 10:04:48 UTC
From: Robin Jong
Topic: 31995 Message: 32000

Anthony

I had several problems with this tuner. I used some home made cables with no marks on the connector.
If you put the tuner end of the Y-ACC cable into the transceiver, and the transceiver end into the tuner, the tuner won't work. This cable is cross linked, and uses different contacts of the stereo 2,5mm plug.
So maybe you could re-check your cables again.
If everything fails, and you connected the cat cable properly, main power must be on the circuit, and pressing the tune button for 2 seconds must make the tuner reset, and perform a full scan.

Rob

From: ke7adu <ae7hs@...>
To: FT897@yahoogroups.com
Sent: Wed, December 1, 2010 7:50:02 AM
Subject: [FT897] AT-897 won't tune

Today I received the refurbished AT-897 I ordered from cheapham.com. I carefully followed the instructions to install the unit to side of my FT-897D and then attached the cables per the diagram in the manual. Installed an antenna and pressed the tune button. Nothing happened. I checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897 was set at 9600.

I pressed tune again for several seconds and still nothing happened. I power cycled the unit, double, tripe and quadruple checked the cables and I am convinced they are correct. My antenna is resonant on 160 meters so I tuned in a few QSO on 160 with no problem with the tuner in line. I also tried tuning on several bands I know require matching with my AT-1000.

Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.

Thanks,
Anthony
AE7HS

[Non-text portions of this message have been removed]

32001. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-01 12:56:47 UTC
From: iz0inx
Topic: 31995 Message: 32001

Anthony, if you are talking about the AT-897 (and not the AT-897 plus), take in account that it uses the CAT port of the rig not for communication purpose, but just for taking the needed power supply (see the manual, CAT port, 13.8V and GND pins), so doesn't matter what is the value in the menu 19

If the ATU doesn't work at all, it may be that is not powered.
Did you check whether 13.8V are present on the CAT connector?
If not present, maybe the internal fuse inside the rig is blown. It could happen if you plug/unplug the CAT connector when the rig is powered.

Take a look here:
http://www.webalice.it/brugneraivo/i6ibe/897/ft897.htm
the site is in Italian, but in the third and forth images you can clearly identify that fuse.
It is a SMD component, but you can easily replace it with a small enough different type, use 3.5A.

Hope this is helpful

73, Fil IZ0INX

32002. Re: [FT897] Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-12-01 17:26:04 UTC
From: patrick
Topic: 31910 Message: 32002

HI I had my FT897 Internal batteries refurbished locally for 40 uk pounds each (battery new ?100)
Patrick GW1SXN
----- Original Message -----
From: "Clark" <csturner@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, December 01, 2010 3:34 AM
Subject: [FT897] Re: Rebuild 897 internal battery?

> Thanks! Yes, they're 4/3 AF cells. I went on line and found that the two
> places (batteries plus was first) that will rebuild them need about 90
> bucks to do it, but I can get discounted batteries for the 897 for that
> price. So I'll either buy those (at 90 each) or attempt to rebuild myself
> (for about 60 each, and some risk that I don't get it right!)
>
> I'll probably wait a bit on this.
>
> Clark
> WA3JPG
>
> --- In FT897@yahoogroups.com, "kd8dey" <kd8dey@...> wrote:
>>
>>
>> I have 2 w4rt packs that went bad while I was in a nursing home.
>> I haven't tried rebuilding them yet BUT I opened one up and by the size
>> of them I would Guess that they are size 4/3A
>>
>> Could probably get somebody like Batteries plus to stitch them together
>> then transfer all the stuff from the old packs over.......
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

32003. Re: Rebuild 897 internal battery?

Yahoo group: FT897 (2010)
Date: 2010-12-01 21:03:05 UTC
From: Radio_Randy
Topic: 31910 Message: 32003

Thanks for that info. Now I KNOW I'm not going to throw my money away on batteries for this radio when it's not even affordable to rebuild the packs.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
> Thanks! Yes, they're 4/3 AF cells. I went on line and found that the two places (batteries plus was first) that will rebuild them need about 90 bucks to do it, but I can get discounted batteries for the 897 for that price. So I'll either buy those (at 90 each) or attempt to rebuild myself (for about 60 each, and some risk that I don't get it right!)
>
> I'll probably wait a bit on this.
>
> Clark
> WA3JPG
>
> --- In FT897@yahoogroups.com, "kd8dey" <kd8dey@> wrote:
> >
> >
> > I have 2 w4rt packs that went bad while I was in a nursing home.
> > I haven't tried rebuilding them yet BUT I opened one up and by the size of them I would Guess that they are size 4/3A
> >
> > Could probably get somebody like Batteries plus to stitch them together then transfer all the stuff from the old packs over.......
> >
>

32004. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 21:26:04 UTC
From: Rob Stampfli
Topic: 31992 Message: 32004

Bret, thanks for your in-depth post in response to my questions.

On Wed, Dec 01, 2010 at 12:23:33AM -0800, Bret McDanel wrote:
> nope, nothing that I did not intend to do was done. Never had an error
> with it. A full reset will reset the alignment data, there is a CAT
> command to do that (undocumented) but that does not render the radio
> unusable it just renders it with 0 memories and 0 alignment data and
> everything else "factory fresh".

That's interesting. I view the service menu items (alignment data) as being necessary for the proper functioning of the rig -- every bit as critical to its operation as the proper adjustment of the components on the circuit board itself. I'm surprised Yaesu would allow them to be lost via a simple CAT reset command. But, in retrospect, the EEPROM data does seem rather fragile to me. It would have been nice if Yaesu provided a printout of the service menu parameters with the rig, from when it was aligned at the factory. Of course, my problem may be a real outlier, but it would save me a lot of grief if I could simply just reprogram the glitched values instead of having to put the rig on the bench. I'm definitely keeping a copy of what I put in when I re-align the rig. Of course, it's 20/20 hindsight not to have dumped them when I first got the rig, but I just wasn't thinking of them at that point; wasn't even aware of them until later.

> There are other ways to gain access to that eeprom though, unprotected
> ways where you can just bitbang a full read/write to the eeprom allowing
> for dumping, tweaking and reflashing. A "bus pirate" can be used to do
> this. The cpu is only like $5 or $20 (I forget which, its cheap either
> way) so replacing it is not difficult, http://www.chipquick.com makes it
> easy to desolder the chip with a regular stick iron then you can put on
> a socket for future upgrading. Not recommended for the faint of heart,
> if you dont really know what you are doing its easy to mess things up.

I've actually seen someone assemble the circuit board for a SMD Softrock Radio in a fry pan. It was an amazing thing to watch.

> > dump program. Is there a program to upload such a memory dump back
> > into the 897 in case this problem recurs?
>
> no but its trivial to write such a program. I have a perl module that
> is used for the dumping tool, you just have to read a file and then
> write the values. You will write them 16 bits at a time.

I may indeed look into that. It would surely be useful in the event this glitch recurs.

> > One of the oddball things I noticed after my glitch was that the
> > displayed
> > voltage was wrong. It read consistently a couple 1/10th of a volt low.
>
> Are you certain it is wrong? There could have been a component failure
> before where it reads the voltage so what is input is not what is read
> after it passes some of these components. That may indicate where a
> failure occurred that caused the problem in the first place.

I just found it odd that, after the glitch, the quiescent voltage readout on the display was 13.5 or 13.6V. Service menu item 016 (VCC) was still set to 138. I went in and bumped it to 140, and then the voltage readout then read 14V on the display, so I went back in and changed it back to 138, after which the readout then correctly read 13.8V. I found this odd. The only explanation I could come up with was that something other than the EEPROM was being affected by modifying the VCC value. And, on thinking about it a moment, I believe this must be true, since you can immediately see the results of modifying one of these values, but it isn't stored to memory to survive a power cycle until you hold down the F key for a couple seconds.

YMMV,
Rob / KD8WK

32005. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 21:42:45 UTC
From: Dean Gibson AE7Q
Topic: 31992 Message: 32005

On 2010-12-01 13:26, Rob Stampfli wrote:
> I just found it odd that, after the glitch, the quiescent voltage
> readout on the display was 13.5 or 13.6V. Service menu item 016 (VCC)
> was still set to 138. I went in and bumped it to 140, and then the
> voltage readout then read 14V on the display, so I went back in and
> changed it back to 138, after which the readout then correctly read
> 13.8V. I found this odd.
>

Messing in the service menu is a REALLY BAD IDEA. FOR EXAMPLE, when you set service menu 016 to a particular value, what you are really telling the radio is that the voltage that is currently applied to the radio is that voltage. THEN, the radio carries out an internal calibration of the voltage, so that the voltage will read correctly as it varies.

What this means it that, whenever you SET service menu item # 16, then that value will ALWAYS read the last value you set it to, regardless of the actual voltage.

Go back to the service menu and precisely measure the voltage applied to the radio. THEN, set service menu # 16 to that value. Then, the radio will correctly display the applied voltage.

Then, I would strongly suggest leaving it alone.

32006. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 22:27:56 UTC
From: Rob Stampfli
Topic: 31992 Message: 32006

On Wed, Dec 01, 2010 at 01:42:45PM -0800, Dean Gibson AE7Q wrote:
> On 2010-12-01 13:26, Rob Stampfli wrote:
> > I just found it odd that, after the glitch, the quiescent voltage
> > readout on the display was 13.5 or 13.6V. Service menu item 016 (VCC)
> > was still set to 138. I went in and bumped it to 140, and then the
> > voltage readout then read 14V on the display, so I went back in and
> > changed it back to 138, after which the readout then correctly read
> > 13.8V. I found this odd.
> >
>
> Messing in the service menu is a REALLY BAD IDEA. FOR EXAMPLE, when you
> set service menu 016 to a particular value, what you are really telling
> the radio is that the voltage that is currently applied to the radio is
> that voltage. THEN, the radio carries out an internal calibration of
> the voltage, so that the voltage will read correctly as it varies.
>
> What this means it that, whenever you SET service menu item # 16, then
> that value will ALWAYS read the last value you set it to, regardless of
> the actual voltage.
>
> Go back to the service menu and precisely measure the voltage applied to
> the radio. THEN, set service menu # 16 to that value. Then, the radio
> will correctly display the applied voltage.
>
> Then, I would strongly suggest leaving it alone.

Dean, I would love to leave the my service menu items alone.
Unfortunately, a glitch in the radio caused many of them to
be reset to default values. After the glitch, the displayed
voltage dropped from 13.8 to around 13.5, even though the
supply voltage was indeed 13.8V. I went in, re-saved 138 in
the proper service menu item, and the voltage again displays
correctly. How would you suggest I handle this situation
differently?

When I got this radio, I told myself that I was never going to
mess with this data, so I left it alone. I never even went
into this service menu to examine what was there. Now, I
fervently wish I had done so, and copied down all the values.
If I had, I could simply reprogram them and be back to the way
I was before the glitch. Given my experience, I would personally
encourage all FT-897 owners to make a copy of this data for
future reference, but to each his own.

Rob / KD8WK

32007. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-01 22:39:14 UTC
From: Dean Gibson AE7Q
Topic: 31992 Message: 32007

On 2010-12-01 14:27, Rob Stampfli wrote:
> On Wed, Dec 01, 2010 at 01:42:45PM -0800, Dean Gibson AE7Q wrote:
>
>> On 2010-12-01 13:26, Rob Stampfli wrote:
>>
>>> I just found it odd that, after the glitch, the quiescent voltage readout on the display was 13.5 or 13.6V. Service menu item 016 (VCC) was still set to 138. I went in and bumped it to 140, and then the voltage readout then read 14V on the display, so I went back in and changed it back to 138, after which the readout then correctly read 13.8V. I found this odd.
>>>
>>>
>> Messing in the service menu is a REALLY BAD IDEA. FOR EXAMPLE, when you set service menu 016 to a particular value, what you are really telling the radio is that the voltage that is currently applied to the radio is that voltage. THEN, the radio carries out an internal calibration of the voltage, so that the voltage will read correctly as it varies.
>>
>> What this means it that, whenever you SET service menu item # 16, then that value will ALWAYS read the last value you set it to, regardless of the actual voltage.
>>
>> Go back to the service menu and precisely measure the voltage applied to the radio. THEN, set service menu # 16 to that value. Then, the radio will correctly display the applied voltage.
>>
>> Then, I would strongly suggest leaving it alone.
>>
>
> Dean, I would love to leave the my service menu items alone. Unfortunately, a glitch in the radio caused many of them to be reset to default values. ... How would you suggest I handle this situation differently?
>

Well, There's always sending the radio to Yaesu, and in fact that's what
I'd do (and I have a complete memory map of the radio's settings, and
decades of experience in working with embedded systems and writing
embedded systems software). Or, I'd buy the service manual, and then
have some confidence that I was doing the right thing. Frankly, I'd
rather it be done right, by someone who did the adjustments for a living
and had the right tools.

> If I had, I could simply reprogram them and be back to the way I was before the glitch.

Except for at least #16, which you can't just set back to 138; you have
to follow the procedure I mentioned. I don't know whether any of the
other service menu items initiate calibration procedures rather than
just be settings.

> Given my experience, I would personally encourage all FT-897 owners to make a copy of this data for future reference, but to each his own.
>

I'd agree with that, with the caveat that you can't just reload them*.*

[Non-text portions of this message have been removed]

32008. Re: [FT897] FT-897 Memory Map Questions

Yahoo group: FT897 (2010)
Date: 2010-12-02 00:45:29 UTC
From: Rob Stampfli
Topic: 31992 Message: 32008

On Wed, Dec 01, 2010 at 02:39:14PM -0800, Dean Gibson AE7Q wrote:
> On 2010-12-01 14:27, Rob Stampfli wrote:
> > Dean, I would love to leave the my service menu items alone. Unfortunately, a glitch in the radio caused many of them to be reset to default values. ... How would you suggest I handle this situation differently?
>
> Well, There's always sending the radio to Yaesu, and in fact that's what
> I'd do (and I have a complete memory map of the radio's settings, and
> decades of experience in working with embedded systems and writing
> embedded systems software). Or, I'd buy the service manual, and then
> have some confidence that I was doing the right thing. Frankly, I'd
> rather it be done right, by someone who did the adjustments for a living
> and had the right tools.

Actually, I have the service manual, and all it says about VCC is "Confirm that the supply voltage is 13.8V (+/-.1 V). Select menu item 17:VCC and adjust this parameter such that 138 is displayed on the LCD." That's what I did. To reiterate, I was just surprised resetting this set point from 138 to 138 would make a difference, but it did. And, thus I learned something else about the rig.

BTW, VCC is menu item 17, not 16. In looking down my list of recorded values earlier, I think I misread it.

Reading through the service manual is quite interesting. More and more, radios are relying on software as a proxy for tweaking real components to align the rig, and it's interesting how they actually perform some of the alignment procedures. But software set points have both positives and negatives associated with them, as I have seen.

Initially, I thought the radio would have to go back to Yaesu. However, after some investigation, I'm not so sure. I'm now optimistic the problems may likely be resolved via software adjustments, which I can do myself. I have friends who have the necessary equipment. And, not much beats the feeling of ferreting out a solution to a complicated problem and resolving it with one's own hands.

The way I figure it, I've been given an opportunity to learn something new about the radio. In the worst case, it has to go to Yaesu for servicing, and I'm no worse off than if I hadn't tried. Perhaps no one here but me is interested in this thread, but I figure it will go into the archives and perhaps be of value to someone else down the road some day.

Rob

32009. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-02 07:33:02 UTC
From: ke7adu
Topic: 31995 Message: 32009

I did some testing tonight and I think this may be part of the problem. I inserted a small pin and measured the voltage and got 13.8 volts. I then hooked up the cable and measured 13.8 at the tuner end of the cable.

I connected the cable to the at-897 and still no red light or tune but when I rechecked the the voltage at the cat jack it's now .02.

I guess will have to see of I can find a replacement fuse. I am still not sure that will fix the problem though since I had 13.8 volt to begin with and plugging in the cable likely popped the ant fuse,

Looks small hope I can solder it. I think removing it should be easy but replacing it... Well that a different story.

Anthony AE7HS

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> Anthony, if you are talking about the AT-897 (and not the AT-897 plus), take in account that it uses the CAT port of the rig not for communication purpose, but just for taking the needed power supply (see the manual, CAT port, 13.8V and GND pins), so doesn't matter what is the value in the menu 19
>
> If the ATU doesn't work at all, it may be that is not powered.
> Did you check whether 13.8V are present on the CAT connector?
> If not present, maybe the internal fuse inside the rig is blown. It could happen if you plug/unplug the CAT connector when the rig is powered.
>
> Take a look here:
> http://www.webalice.it/brugneraivo/i6ibe/897/ft897.htm
> the site is in Italian, but in the third and forth images you can clearly identify that fuse.
> It is a SMD component, but you can easily replace it with a small enough different type, use 3.5A.
>
> Hope this is helpful
>
> 73, Fil IZ0INX
>

32010. Checking CAT Cable

Yahoo group: FT897 (2010)
Date: 2010-12-02 18:15:46 UTC
From: Charles
Topic: 32010 Message: 32010

Is there a way to check out the CAT cable?
If so, how?
Tnx Chuck KA6UUP

32011. Re: For Sale: Timewave ANC-4 Noise Filter / Timewave DSP-599ZX Audio Noise Filter

Yahoo group: FT897 (2010)
Date: 2010-12-02 18:50:23 UTC
From: aa5fr
Topic: 31911 Message: 32011

Update:

Timewave DSP-599ZX Audio Noise Filter - Still Available
Timewave ANC-4 Noise Filter - Sold!

Details, photos and pricing, along with links to the manuals, data sheets, etc. are at my web pages.

DSP-599ZX (latest firmware): http://aa5fr.com/dsp599zx.htm

73,

Robert
http://AA5FR.com

--- In FT897@yahoogroups.com, "aa5fr" <robert@...> wrote:
>
> I'm selling my personal Timewave ANC-4 Noise Filter and my Timewave DSP-599ZX Audio Noise Reduction Filter.
>
> If you have a lot of local QRN, these may be your solution. They have been indispensable for me as a cliff dweller with all the noise that comes from living in high rise condos! Both filters worked well with my FT-857D, FT-817ND and my FT-897D.
>
> Details, photos and pricing, along with links to the manuals, data sheets, etc. are at my web pages. Direct links:
>
> ANC-4: http://aa5fr.com/anc4.htm
>
> DSP-599ZX (latest firmware): http://aa5fr.com/dsp599zx.htm
>
> Give yourself an early Christmas present!
>
> 73,
>
> Robert
> http://AA5FR.com
>

32012. Re: [FT897] Checking CAT Cable

Yahoo group: FT897 (2010)
Date: 2010-12-02 23:32:17 UTC
From: John Faughn
Topic: 32010 Message: 32012

Relative to what ?
Is it a Yaesu cable or an after market ?
What is working or not ?
Use muti-meter to see there is continuity between all wires end to end .
John
kd0cac

On Thu, Dec 2, 2010 at 12:15 PM, Charles <ka6uup@comcast.net> wrote:

>
>
> Is there a way to check out the CAT cable?
> If so, how?
> Tnx Chuck KA6UUP
>
>
>

[Non-text portions of this message have been removed]

32013. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-03 13:37:48 UTC
From: iz0inx
Topic: 31995 Message: 32013

I'm sorry for that, it looks like your fuse was ok and it blew during the plug/unplug operations
Anyway, as the fuse is now open you don't need to remove it, just add a new one in parallel. You can chose a bigger one, easier to mount, with dimensions as a 1/4W resistor, as shown in the picture from the I6IBE's site.

As soon the CAT socket become again operational, I would suggest to test the ATU separately from the rig: just connect the CAT cable to the ATU and to an external power supply, only the 13.8 and GND pins need to be connected to the PS, so you can check if the ATU reacts.

Fil - IZ0INX

--- In FT897@yahoogroups.com, "ke7adu" <ae7hs@...> wrote:
> I connected the cable to the at-897 and still no red light or tune but when I rechecked the the voltage at the cat jack it's now .02.
>

32014. G4ZLP CAT CABLES.

Yahoo group: FT897 (2010)
Date: 2010-12-01 21:08:41 UTC
From: BARRIE
Topic: 32014 Message: 32014

Dear group..
I was wondering if the group can tell me which of the G4ZLP CAT cables I need to purchase please There are two contenders a- a cat 62 cable appears to be an 8 pin din to usb that costs apx £10.And the other called a Y3 cable attatched to a 'black box'costs apx £35 I am not sure how that connects...any suggestions gratefuly recieved.
Thanks and 73 Barrie g4yjs.

32015. Re: [FT897] AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-01 07:24:55 UTC
From: Kate Ebneter
Topic: 31995 Message: 32015

Hmmm ... I bought one of those as well and had the exact same problem.
Mine is currently in the hands of LDG, who are checking it out.

Kate Ebneter
AF6ZN

On Nov 30, 2010, at 10:50 PM, ke7adu wrote:

> Today I received the refurbished AT-897 I ordered from cheapham.com.
> I carefully followed the instructions to install the unit to side of
> my FT-897D and then attached the cables per the diagram in the
> manual. Installed an antenna and pressed the tune button. Nothing
> happened. I checked Menu items 19 and 20 and set the unit to 4800
> bps and CAT. The 897 was set at 9600.
>
> I pressed tune again for several seconds and still nothing happened.
> I power cycled the unit, double, tripe and quadruple checked the
> cables and I am convinced they are correct. My antenna is resonant
> on 160 meters so I tuned in a few QSO on 160 with no problem with
> the tuner in line. I also tried tuning on several bands I know
> require matching with my AT-1000.
>
> Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.
>
> Thanks,
> Anthony
> AE7HS
>

[Non-text portions of this message have been removed]

32016. Re: External LDG Meter

Yahoo group: FT897 (2010)
Date: 2010-12-01 12:23:06 UTC
From: dl5za59
Topic: 31971 Message: 32016

--- In FT897@yahoogroups.com, "ab9df" <rkik0614@...> wrote:
>
> I have a 897d radio and my plug to attach my FT-Meter from LDG is not working correctly. My meter isnt working. If I wiggle the plug itself it will work if I am moving the plug. At first I thought I had a bad cable and replaced it. After replacing the cable, it still doesnt work. Now I think it is the plug itself. Has anyone else had this problem? Is there a fix to it without having to send the machine in? It just seems that the plug isnt making a good connection when plugged into the radio itself. Any advice??
> Thanks! Rob AB9DF
>
pse using a stereo-plug , using the tip not the ring, i think than ok, 73 de Reinhard DL5ZA

32017. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-12-02 20:18:08 UTC
From: Bob
Topic: 31148 Message: 32017

The FAST button on the mike will power up and power down the FT-897D.
You take a parallel port signal in to a one shot multivibrator so it toggles low for about 100ms and the power will go on and go off. I have a mike breakout box that switches from the local mike or to the PC and I just pull out the FAST button lead to the one shot.

73, Bob WA7MXZ

--- In FT897@yahoogroups.com, "n8kpa" <kn8a@...> wrote:
>
> Hi, all...
>
> CAT isn't used by the MH-59 for everything - there's three dedicated lines in the cable for UP/DOWN and FAST. Take a look at pg 12 of the manual for the pinout at the rig.
>
> Now, how the radio implements the signals from the mic is a completely different thing. Internally, it's certainly true that these same lines are sampled by the microprocessor under control of the imbedded software, which acts on the input to change states.
>
> "CAT" is how Yaesu has chosen to expose specific functionality to its users via a serial data interface. This includes the internal code that reads and writes to the serial interface.
>
> Yaesu has implemented a couple of additional layers of access via the serial interface. First is the service/alignment interface, and the last is an exposed area in the flash memory, with a generic CAT command to read and write to it. Best site I've seen that describes this is at: http://www.0xdecafbad.com/
>
> Here's my first point: Yaesu designed and coded all this, and they're not new at it. If they don't want functionality exposed, it won't be exposed, unless they screwed up. I beleive they made a design choice to mute while tuning, and the code implements it in a clunky way not to our liking.
>
> And here's my final point: these design choices were made years ago. The rig was introduced in the US at Dayton in 2002. It was sold in Japan a year before that. The design cycle for these things is (or at least was) typically 3-5 years. So that means the design spec is circa 1996-98 at best. I bought a very popular synthesized Sony SWL receiver, an ICF-SW100, at that time, and it was known for the annoying "chuffing" noise it made when tuned up and down. It's not surprising that a cutting-edge rig designed at that time muted when tuned: it was considered a "feature". PSK31 was announced in '98, so I bet that the designers didn't and probably couldn't foresee the degree of digital integration we enjoy and expect today.
>
> The 897d version was actually designed at the same time; pretty much all the extra functionality was available as optional extras on the 897 at introduction.
>

> So we're all playing radio with a software and hardware design that pretty much dates to Windows Millenium Edition...Hopefully Yaesu has made enough profit off it to encourage their new Motorola owner/partners to let them introduce a killer FT-997, or some such, Real Soon Now.
>
> Till then, I still love my 897d, with the Collins 2.3 filter, AT897, the OK1FIG white noise mod (http://ok1fig.nagano.cz/FT897D/FT-897D_LessWhiteNoise.htm), and lots of menu tweaking!
>
> 73, and see you on the bands.
>
> Jeff kn8a
>
> --- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@> wrote:
> >
> > Hi,
> > While the on-off CAT command isn't listed in my manual, it's obvious that Yaesu has additional "hidden" CAT commands.
> >
> > The reason I say that is because the MH-59A8J REMOTE MICROPHONE uses CAT input via the mic jack to the rig to change frequency and (FAST[Power]) and so on.
> >
> > I don't know if Simon has incorporated these commands in HRD or not but it would be worth a shot to e-mail him directly and you may get the info you need.
> >
> > simon@ is his e-mail address.
> >
> > John @ KB0NE
> >
> >
> > --- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@> wrote:
> > >
> > > I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?
> >
>

32018. Re: Remote Power Switching for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-12-03 14:09:27 UTC
From: kim.liao
Topic: 31148 Message: 32018

Just to share my cheap solution for power-on/off to save unnecessary power consumption. get a timer in the hardware store, program it to make sure it is powering on when you like to operate your rig, connect to the AC-DC power supply of your radio and here is the timed power control and will automatically turn on and off daily...BM2JAM, Taiwan

--- In FT897@yahoogroups.com, "Bob" <bob.wood@...> wrote:
>
> The FAST button on the mike will power up and power down the FT-897D.
> You take a parallel port signal in to a one shot multivibrator so it toggles low for about 100ms and the power will go on and go off. I have a mike breakout box that switches from the local mike or to the PC and I just pull out the FAST button lead to the one shot.
>
> 73, Bob WA7MXZ
>
> --- In FT897@yahoogroups.com, "n8kpa" <kn8a@> wrote:
> >
> > Hi, all...
> >
> > CAT isn't used by the MH-59 for everything - there's three dedicated lines in the cable for UP/DOWN and FAST. Take a look at pg 12 of the manual for the pinout at the rig.
> >
> > Now, how the radio implements the signals from the mic is a completely different thing. Internally, it's certainly true that these same lines are sampled by the microprocessor under control of the imbedded software, which acts on the input to change states.
> >
> > "CAT" is how Yaesu has chosen to expose specific functionality to its users via a serial data interface. This includes the internal code that reads and writes to the serial interface.
> >
> > Yaesu has implemented a couple of additional layers of access via the serial interface. First is the service/alignment interface, and the last is an exposed area in the flash memory, with a generic CAT command to read and write to it. Best site I've seen that describes this is at: http://www.0xdecafbad.com/
> >
> > Here's my first point: Yaesu designed and coded all this, and they're not new at it. If they don't want functionality exposed, it won't be exposed, unless they screwed up. I beleive they made a design choice to mute while tuning, and the code implements it in a clunky way not to our liking.
> >
> > And here's my final point: these design choices were made years ago. The rig was introduced in the US at Dayton in 2002. It was sold in Japan a year before that. The design cycle for these things is (or at least was) typically 3-5 years. So that means the design spec is circa 1996-98 at best. I bought a very popular synthesized Sony SWL receiver, an ICF-SW100, at that time, and it was known for the annoying "chuffing" noise it made when tuned up and down. It's not surprising that a cutting-edge rig designed at that time muted

when tuned: it was considered a "feature". PSK31 was announced in '98, so I bet that the designers didn't and probably couldn't foresee the degree of digital integration we enjoy and expect today.
> >
> > The 897d version was actually designed at the same time; pretty much all the extra functionality was available as optional extras on the 897 at introduction.
> >
> > So we're all playing radio with a software and hardware design that pretty much dates to Windows Millenium Edition...Hopefully Yaesu has made enough profit off it to encourage their new Motorola owner/partners to let them introduce a killer FT-997, or some such, Real Soon Now.
> >
> > Till then, I still love my 897d, with the Collins 2.3 filter, AT897, the OK1FIG white noise mod (http://ok1fig.nagano.cz/FT897D/FT-897D_LessWhiteNoise.htm), and lots of menu tweaking!
> >
> > 73, and see you on the bands.
> >
> > Jeff kn8a
> >
> > --- In FT897@yahoogroups.com, "john_kb0ne" <wa0lhb@> wrote:
> > >
> > > Hi,
> > > While the on-off CAT command isn't listed in my manual, it's obvious that Yaesu has additional "hidden" CAT commands.
> > >
> > > The reason I say that is because the MH-59A8J REMOTE MICROPHONE uses CAT input via the mic jack to the rig to change frequency and (FAST[Power]) and so on.
> > >
> > > I don't know if Simon has incorporated these commands in HRD or not but it would be worth a shot to e-mail him directly and you may get the info you need.
> > >
> > > simon@ is his e-mail address.
> > >
> > > John @ KB0NE
> > >
> > >
> > > --- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@> wrote:
> > > >
> > > > I have been working on setting up my FT-897D to run with Ham Radio Deluxe, and then to have HRD remote into the FT-897D. I have everything working and it seems to work well. The one remaining challenge I have is coming up with a way to have HRD switch the power to the radio ON and OFF. Does anyone know of a way to do that?
> > >
> >
>

32019. Re: [FT897] AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-03 14:43:32 UTC
From: n8mfn@fuse.net
Topic: 31995 Message: 32019

Kate I dont know what it is but i have had the ft-30 that dosent work right and the ldg at-897 and that dosent work right so bought an ldg z-11 pro wiht batterys that works great so I dont think the other 2 are very good
Rick
N8MFN

32020. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-04 10:57:29 UTC
From: ke7adu
Topic: 31995 Message: 32020

Hmmm,

I wrote LDG and they respond that "it is highly unlikely that the at-897 is DOA". I have been happy with my other LDG products so I hope I can work this out. It seems to me that the tuner likely blew the fuse on my rig and has a problem.

I have ordered a five pack of 3 amp pico fuses. Don't really want to spend the cost of the tuner on repairing the radio.

I will let the group know how it goes. Thanks for the help.

AE7HS

--- In FT897@yahoogroups.com, Kate Ebneter <ebneter@...> wrote:
>
> Hmmm ... I bought one of those as well and had the exact same problem.
> Mine is currently in the hands of LDG, who are checking it out.
>
> Kate Ebneter
> AF6ZN
>
> On Nov 30, 2010, at 10:50 PM, ke7adu wrote:
>
> > Today I received the refurbished AT-897 I ordered from cheapham.com.
> > I carefully followed the instructions to install the unit to side of
> > my FT-897D and then attached the cables per the diagram in the
> > manual. Installed an antenna and pressed the tune button. Nothing
> > happened. I checked Menu items 19 and 20 and set the unit to 4800
> > bps and CAT. The 897 was set at 9600.
> >
> > I pressed tune again for several seconds and still nothing happened.
> > I power cycled the unit, double, tripe and quadruple checked the
> > cables and I am convinced they are correct. My antenna is resonant
> > on 160 meters so I tuned in a few QSO on 160 with no problem with
> > the tuner in line. I also tried tuning on several bands I know
> > require matching with my AT-1000.
> >
> > Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.
> >
> > Thanks,
> > Anthony
> > AE7HS
> >
>
>
>

> [Non-text portions of this message have been removed]
>

32021. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-04 11:09:32 UTC
From: j.a.
Topic: 31995 Message: 32021

Dear groupmembers
I am using the AT897 plus and no problems.
I know from hams using a old 897 version they had the same promblem
and have to change the menu of the set in 5 Watts AM to tune.
Using my ATU the first time I did it also and later by full power the menu went automatic into 5 Watts AM
Thet fact also is that using the ATU the first time people do forget to change the CAT-menu into 4800 baud because the set is automatic delivered by Yaesu in 9600 Baud
Jaap PA7DA

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> I'm sorry for that, it looks like your fuse was ok and it blew during the plug/unplug operations
> Anyway, as the fuse is now open you don't need to remove it, just add a new one in parallel. You can chose a bigger one, easier to mount, with dimensions as a 1/4W resistor, as shown in the picture from the I6IBE's site.
>
> As soon the CAT socket become again operational, I would suggest to test the ATU separately from the rig: just connect the CAT cable to the ATU and to an external power supply, only the 13.8 and GND pins need to be connected to the PS, so you can check if the ATU reacts.
>
> Fil - IZ0INX
>
>
> --- In FT897@yahoogroups.com, "ke7adu" <ae7hs@> wrote:
> > I connected the cable to the at-897 and still no red light or tune but when I rechecked the the voltage at the cat jack it's now .02.
> >
>

32022. RE: [FT897] AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-04 17:19:39 UTC
From: Mike Ernst
Topic: 31995 Message: 32022

Anthony,

Two things - in order for the tuner to tune, it must be able to switch the FT897 into transmit mode. So my guess is that is what is not happening. That is where I would focus. Check the cable associated with that function (the manual states Connect the Y-ACC cable. Plug the red end marked "Radio" into the radio's ACC port. Connect the black end marked "Tuner" into the tuner's interface jack marked "OTT".) If that cable is not making good contact the tuner will not work. I had a fellow Ham whose unit was doing the same thing. Turns out he had not pushed the 3.5MM plug fully into the socket. On my unit I built a small external device that switches the Transceiver into transmit at 5 watts. It plugs into the ACC port on the rig and the red wire above gets omitted. This little device has a toggle switch to kick the unit into transmit, and if I forget to flip the toggle switch, my tuner does not work either.

Also, some of the mini din plugs rubber outer jacket is slightly larger than the mating female socket on the transceiver. Make sure they all seat well. (I had to use some sand paper and shave mine down slightly.)

Hope this works out for you.

73,

Mike Ernst, AE8U

No trees were harmed in the sending of this message; however, a large number of electrons were terribly inconvenienced.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of ke7adu
Sent: Wednesday, December 01, 2010 1:50 AM
To: FT897@yahoogroups.com
Subject: [FT897] AT-897 won't tune

Today I received the refurbished AT-897 I ordered from cheapham.com. I carefully followed the instructions to install the unit to side of my FT-897D and then attached the cables per the diagram in the manual. Installed an antenna and pressed the tune button. Nothing happened. I checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897 was set at 9600.

I pressed tune again for several seconds and still nothing happened. I power cycled the unit, double, tripe and quadruple checked the cables and I am convinced they are correct. My antenna is resonant on 160 meters so I tuned in a few QSO on 160 with no problem with the tuner in line. I also tried tuning on several bands I know require matching with my AT-1000.

Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.

Thanks,
Anthony
AE7HS

[Non-text portions of this message have been removed]

32023. Re: [FT897] Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-12-05 13:34:07 UTC
From: Bitpool
Topic: 31946 Message: 32023

HI Again.

Sorry for delay in answering your post in a timely fashion..

I have never had any kind of issue with this rig, no resets no "weird" happenings it's just kept going and going until now.

All of the settings regarding rx g values are set individually, so no indication what so ever of an reset, I checked most of my values against the lists of settings I could find on the net from other amateur rig's, and it all looks valid..

I'm afraid I'm come to an dead end here, the fact that the sensivity seems okay when using ssb kinda spooks me..

Den 30-11-2010 22:01, Rob Stampfli skrev:
>
> On Tue, Nov 30, 2010 at 09:22:05PM +0100, Bitpool wrote:
> > Hi Again!
> >
> > Thank you very much people who have taken your time to reply to this
> > thread, now after having tried(again) a full reset which yeildet no
> change.
> > Checked the service menu, values looks fair(vhf 128), I found that
> after
> > a recheck, that also uhf is deaf! BUT only on FM and PKT, am / ssb
> is okay?
>
> Michael, the service menu value "128" scares me. That's what mine was
> set to, also, after the glitch that caused the rig to spontaneously
> reset, and apparently this is the "safe" value Yaesu stores there prior
> to the rig's alignment. Are all your RXG values set to 128? (NO-001
> to NO-006?) Is NO-007 / SSB-S9 set to something different? Did your rig
> ever spontaneously reset itself? If so, you may well have suffered a
> corrupted memory. OTOH, my UHF/VHF receive is not deaf, although I
> haven't played around with them too seriously since my incident.
>
> Good luck,
> Rob
>
>

[Non-text portions of this message have been removed]

32024. Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-12-05 20:10:29 UTC
From: Hank
Topic: 31808 Message: 32024

The problem was definitely the cable. The new cable works and doesn't cause unusual problems.

I am now having problems connecting though. The PK-232MBX keys the radio, and it tries to connect (using paclink for WL2K), but then disconnects and says "Retry Count Exceeded". I am using the data port, not using digital vox, and have the digital gain set to 60. Do these settings sound right for packet through a PK-232MBX?

Thanks,

Hank Lambert
KB4MTO/TA5ZC

32025. Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-12-06 10:03:58 UTC
From: klokkenman
Topic: 31808 Message: 32025

I think you mean that you are connecting the data port of the FT-897 to the normal input connector of the PK-232.
The same PK-232 port you used for the amplified signal from the external speaker output of the rig.
The PK-232 needs an amplified signal, and can't be fed with a line out signal at that input. So I think that's the problem with the PK-232 and the packet connection on the back of the rig.

What language is this post in? English?
Well, I think the most of it is...

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.
>
> Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be wrong? Any help is greatly appreciated.
>
> 73,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

32026. Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-12-06 20:04:32 UTC
From: Radio_Randy
Topic: 31808 Message: 32026

Hank,

I'm not familiar with PacLink. I think you are on HF, but I can't say for sure.

If it is FM, I believe 60 would be too high for your data gain. You can't overdeviate and expect it to work too well. Perhaps the same problem exists with sideband.

I would try reducing the gain to about 35 or 40 and try again. If you have a receiver you can use to hear yourself, it would help immensely. Of course, a portable receiver would help to see if you were putting any modulation out at all.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
>
>
> The problem was definitely the cable. The new cable works and doesn't cause unusual problems.
>
> I am now having problems connecting though. The PK-232MBX keys the radio, and it tries to connect (using paclink for WL2K), but then disconnects and says "Retry Count Exceeded". I am using the data port, not using digital vox, and have the digital gain set to 60. Do these settings sound right for packet through a PK-232MBX?
>
> Thanks,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

32027. RE: [FT897] Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-12-07 01:20:08 UTC
From: Hank Lambert
Topic: 31808 Message: 32027

Thanks for the reply. I have it mostly working right now. I bought a pre-made data cable from Buxcom and it is now controlling the FT-897D. I still need to adjust the deviation and I think I will be in good shape.

73,

Hank Lambert

KB4MTO/TA5ZC

hank@...

kb4mto@...

www.hanklambert.com

PGP Key: 0x96D33D71

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of klokkenman
Sent: Monday, December 06, 2010 5:04 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: PK-232MBX muting FT-897D audio

I think you mean that you are connecting the data port of the FT-897 to the normal input connector of the PK-232.
The same PK-232 port you used for the amplified signal from the external speaker output of the rig.
The PK-232 needs an amplified signal, and can't be fed with a line out signal at that input. So I think that's the problem with the PK-232 and the packet connection on the back of the rig.

What language is this post in? English?
Well, I think the most of it is...

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Hank" <hank@...> wrote:
>
> I'm trying to get my AEA PK-232MBX working with my FT-897D. I have the computer talking to the TNC OK, and I'm working with Digital Desktop from CSS software. When I pull audio from the external speaker jack on the back of the rig, I see packet traffic in Digital Desktop. My problems are with using the data cable connected from the PK-232 to the data port of the 897.
>
> Using the data cable, I can key the 897 but I can't connect to anyone. Also, when the PK-232 is powered on, it mutes the audio out of the 897. So if I switch over to 20 meters, I have to unplug the data cable from the back of the rig to be able to hear anything. Does anyone know what could be

wrong? Any help is greatly appreciated.
>
> 73,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

[Non-text portions of this message have been removed]

32028. RE: [FT897] Re: PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-12-07 01:35:31 UTC
From: Hank Lambert
Topic: 31808 Message: 32028

Thanks Randy. I dropped the gain down from 70 to 50, and can now connect to the more distant nodes. So I am going to do more adjustments this week one night and get it set just right. Obviously I am over-driving it.

73,

Hank Lambert

KB4MTO/TA5ZC

hank@...

kb4mto@...

www.hanklambert.com

PGP Key: 0x96D33D71

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Radio_Randy
Sent: Monday, December 06, 2010 3:05 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: PK-232MBX muting FT-897D audio

Hank,

I'm not familiar with PacLink. I think you are on HF, but I can't say for sure.

If it is FM, I believe 60 would be too high for your data gain. You can't overdeviate and expect it to work too well. Perhaps the same problem exists with sideband.

I would try reducing the gain to about 35 or 40 and try again. If you have a receiver you can use to hear yourself, it would help immensely. Of course, a portable receiver would help to see if you were putting any modulation out at all.

73, Randy N7CKJ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Hank" <hank@...> wrote:
>
>
>
> The problem was definitely the cable. The new cable works and doesn't cause unusual problems.
>

> I am now having problems connecting though. The PK-232MBX keys the radio, and it tries to connect (using paclink for WL2K), but then disconnects and says "Retry Count Exceeded". I am using the data port, not using digital vox, and have the digital gain set to 60. Do these settings sound right for packet through a PK-232MBX?
>
> Thanks,
>
> Hank Lambert
> KB4MTO/TA5ZC
>

[Non-text portions of this message have been removed]

32029. 500 CW FILTER FOR FT-897

Yahoo group: FT897 (2010)
Date: 2010-12-06 23:34:01 UTC
From: Fery
Topic: 32029 Message: 32029

A strange thing happened recently to me. From a representative in Romania of a Hungarian equipment seller I ordered the YF-122C 500 Hz CW filter for my FT-897 Yaesu Vertex transceiver. When I tried to plug it in the slot I noticed that the filter board is about 1 mm. too short! It was impossible to fit it in both the upper and lower pins.
On the box it was printed allright YF-122C, but on the filter itself was XF-115C. I returned the filter to the seller and I tried to explain my problem. He contacted the mother company in Hungary and he received the explanation that the two filters are actually the same and the filter should fit to my rig, since it was sold to many other 897 owners, without receiving any complaint. They will refund me the price, but not the shipping expenses...
I googled the XF-115C and I found out that it is recommended for FT-1000MP and FT-847, nut it works also with FT-897. But why this filter didn't fir with my rig?
Have anyvody experienced something similar? Thank you for your attention.
Francisc Grunberg, YO4PX

[Non-text portions of this message have been removed]

32030. Re: Bad recieve sensivity on VHF

Yahoo group: FT897 (2010)
Date: 2010-12-05 19:25:51 UTC
From: qdh123
Topic: 31946 Message: 32030

This is probably not an answer but maybe of some help. You can run the rig while looking/probing the backside of the Main unit. I've been doing it for a week while trying to troubleshoot a different problem. Remove all screws from PCB. Remove speaker connector. Carefully flip the board 180deg toward you and rest it on the front bezel. Pay attention to the white ribbon cable connector; there is enough slack to allow this but treat it gently. Place some sort of insulating material under the board (component side) where it contacts the bezel and frame. I simply used some paper. Important: fab a heatsink for the 8v voltage regulator (3 terminal device on right side as you're looking at it.) I used 2 inches/50mm of alum sheet bolted thru the regulator with a small screw & nut. The alum strip hangs out in air to the right. That regulator gets HOT and needs a heatsink when it's not bolted to the frame.

Another thing to consider - my VHF/UHF connector went bad. I found I wasn't hearing anything on VHF/UHF until I discovered that the internal contact in the SO-239 receptacle wasn't making good contact. But if you're transmitting on VHF with good swr then this probably isn't your problem.

Good luck,
dale KD7UO

--- In FT897@yahoogroups.com, Bitpool <bitpool@...> wrote:
>
> Hi!
>
> My Trusty Ft897, has gone bad on the RX but only on VHF, all other bands
> seems to work as usually, has anyone seen this error before?
>
> I took a guess and changed Q1024, but no luck, the S-meter will not show
> any more than S6 no matter what? I "assume" that it's is not related to
> the switching diodes as the same circuit handles the signal path to UHF
> and the lower VHF area which show no error at all?
> It's not that easy to troubleshoot this rig, as it seems most of the
> recieve unit is placed on the backside of the pcb :/.
> So my hope is that some one has a clue of where to look?
>
> Best 73's de oz8abr /Michael.
>

32031. S-Meter at maximum all the time

Yahoo group: FT897 (2010)
Date: 2010-12-04 21:32:46 UTC
From: qdh123
Topic: 32031 Message: 32031

Hello Group
I recently fixed the dreaded "static crashes all bands all modes no antenna" problem on my 897. I replaced CF1005 AM filter, along with CF1002 & CF1003 FM filters and some of the switching diodes nearby. (Absolute torture, let me tell you!) The good news is this solved the continuous +S9 static crashes that is a common problem as has been discussed many times in the Group. The bad news is my S-meter is not right. When the rig powers up the S-meter starts at S8 and within seconds moves to S++ (max'd to right) on all bands all modes with or without antenna. The rig is working fine on Tx and Rx. I'm hoping someone with some circuit familiarity can help me troubleshoot the the S-meter circuit. I'm guessing it's driven by the AGC circuit, probably in the Q1099 area. This sort of makes sense since it's right after the filter circuits where I was performing microsurgery. Either the S-meter driver was also bad or I messed it up while fixing the filter problem. Another hint - squelch works for FM but no longer works for other modes. I don't really know the details of how the AGC works and thus don't know what to look for on the oscilloscope. Any advice would be welcome.

73, dale KD7UO

32032. Strange tone

Yahoo group: FT897 (2010)
Date: 2010-12-06 14:39:29 UTC
From: Mark
Topic: 32032 Message: 32032

Hi all
My FT-897ND has started getting a strange tone on power up and when you use the menu key. It is set for 440Hz but seems much lower and muffled untill the radio has been on for a while and then all is fine.
Any ideas what the problem could be as it drives me nuts?
regards
Mark
2W0SKW

32033. Headsets and Settings

Yahoo group: FT897 (2010)
Date: 2010-12-06 14:45:27 UTC
From: Paul
Topic: 32033 Message: 32033

Hi,
To date, I've always used a standard issue mic with my 897. However, I would like to start using a headset and footswitch (as I do with my main HF rig.

Can anyone recommend headset and 897 settings combination that would work well on FM (I use it mainly on 2m & 70cm nets).

I've got the Heil Pro Set HC4 for my HF work, how about the HC5 for 897 and FM - anyone got any thoughts, please?

Many thanks

73,

Paul 2E0PAK

32034. Re: G4ZLP CAT CABLES.

Yahoo group: FT897 (2010)
Date: 2010-12-05 16:18:45 UTC
From: m1rek
Topic: 32014 Message: 32034

Hi Barrie

The £10 cable connects your radio to your computer so that you can control it with software such as Ham Radio deluxe or Logger32. The £35 cable is an interface so that you can use digi modes such as psk or RTTY.
So if you want to use your 897 for digi modes you will need both. I have both and they work fine. Although I have only used them when out portable (see http://www.g6tw.co.uk/gm6tw.html). I have found that I have some rf breakthrough into my laptop when using the soundcard interface, which I do not get when I use the much more expensive Tigertronics signal link.

Hope this helps

Ray

M1REK

--- In FT897@yahoogroups.com, "BARRIE" <g4yjsbarrie@...> wrote:
>
> Dear group..
> I was wondering if the group can tell me which of the G4ZLP CAT cables I need to purchase please There are two contenders a- a cat 62 cable appears to be an 8 pin din to usb that costs apx £10.And the other called a Y3 cable attatched to a 'black box'costs apx £35 I am not sure how that connects...any suggestions gratefuly recieved.

> Thanks and 73 Barrie g4yjs.
>

32035. RE: [FT897] PK-232MBX muting FT-897D audio

Yahoo group: FT897 (2010)
Date: 2010-11-22 02:34:00 UTC
From: b j
Topic: 31808 Message: 32035

check the menu setting for packet setting and if you are doing 1200 baud make sure you don't have the rig set for 9600 de ve3blm

--- On Sun, 11/21/10, Hank Lambert <hank@...> wrote:

From: Hank Lambert <hank@hanklambert.com>
Subject: RE: [FT897] PK-232MBX muting FT-897D audio
To: FT897@yahoogroups.com
Received: Sunday, November 21, 2010, 8:48 PM

Yes, I am doing packet. I have the 1200 pin wired (if I am reading the pinouts correctly), and I can see the PK-232 meter spread out when data comes across.

Hank

KB4MTO/TA5ZC

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of b j
Sent: Sunday, November 21, 2010 7:50 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] PK-232MBX muting FT-897D audio

are you doing packet if so there is a a different pin for 1200 baud and 9600.
I have transfered a 18 k file from the ft-897 to a ft-8800 in 42 sec. I use the 6 pin mini din on the back of the rig works great.. also if you invest in a 6 & 8 pin mini male to female you can leave them pluged into the rig and change things without moving the radio..
DE Barry VE3BLM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32036. RE: [FT897] menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-27 17:07:10 UTC
From: Hank Lambert
Topic: 31901 Message: 32036

Ham Radio Deluxe is a very powerful radio-control program that is free. It also has a lot of add-ons such as digital modes and satellite tracking. It only runs on Windows and has a huge community support forum. It can be a bit finicky with some people, and upgrades can also be problematic sometimes. I have a very old version running and it runs great. I have opted not to upgrade because of the upgrade problems some people have.

Another free option is fldigi. It runs on Linux, Windows (OS X), and Macs. It is not as polished as HRD, but very light weight and stable. With fldigi, you select what you want it to do with the appropriate plug-in. Therefore, if you don't need a certain feature, it isn't installed and running on your system. I use fldigi on my Linux systems and it works great. I will probably migrate to it on my Windows system as well because it is so fast.

There is also FTBCAT, which is commercial software by G4HFQ software. I personally have not used this software, but I do use some of his other software and it is excellent. Also, his tech support is some of the finest in the world. If you are having a problem that he can't help you with via email or the Yahoo group, he will schedule a time and call you and help you get it working over the phone.

I suggest you try out each one and decide which one is a good fit for you. Everyone has different needs, and these three programs offer different solutions.

73,

Hank Lambert

KB4MTO/TA5ZC

hank@...

www.hanklambert.com

PGP Key: 0x96D33D71

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of tivoligardens@...
Sent: Friday, November 26, 2010 3:03 PM
To: FT897@yahoogroups.com
Subject: [FT897] menu control via software

Hello all

Are there any software solutions for menu control of my 897d ?

Hal W4-HAL

[Non-text portions of this message have been removed]

32037. Re: [FT897] 6khz AM filter for FT-897D

Yahoo group: FT897 (2010)
Date: 2010-11-28 22:47:59 UTC
From: Dan Schaaf
Topic: 31925 Message: 32037

W4RT makes after market filters for 897 and HRO and AES sell them or buy direct, adverts in QST also.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: Simon
To: FT897@yahoogroups.com
Sent: Sunday, November 28, 2010 5:42 PM
Subject: [FT897] 6khz AM filter for FT-897D

Gents,

Any ideas on the Yaesu part number - or the part number for the manufacturer who makes the 6khz AM filter for the Yaesu FT-897D radios ?

Thanks for your help in advance

73

Simon - G7IVJ

[Non-text portions of this message have been removed]

32038. RE: [FT897] menu control via software

Yahoo group: FT897 (2010)
Date: 2010-11-27 17:13:54 UTC
From: Hank Lambert
Topic: 31901 Message: 32038

I never knew about this software; it looks pretty good. I like supporting software written by hams for hams, as long as it is good software. I'll have to try this one out as well.

73,

Hank Lambert

KB4MTO/TA5ZC

hank@...

www.hanklambert.com

PGP Key: 0x96D33D71

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Unit365
Sent: Saturday, November 27, 2010 9:57 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] menu control via software

Hi

this is nice control program.

http://www.supercontrol.de/cat/us/index.php

73's
F4FQH Olivier

From: tivoligardens@... <mailto:tivoligardens%40yahoo.com>
Sent: Friday, November 26, 2010 9:02 PM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] menu control via software

Hello all

Are there any software solutions for menu control of my 897d ?

Hal W4-HAL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32039. Re: [FT897] UHF Amplifier

Yahoo group: FT897 (2010)
Date: 2010-11-28 21:22:38 UTC
From: Dan Schaaf
Topic: 31921 Message: 32039

TE Systems makes them and so does Mirage (MFJ) but they are not cheap.

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: David
To: FT897@yahoogroups.com
Sent: Sunday, November 28, 2010 4:16 PM
Subject: [FT897] UHF Amplifier

The 897D's maximum output wattage on UHF is only 20 watts (at max) and it is just barely adequate to make it to a local repeater when there is a lot of traffic. However, it has been something I've lived with. The other day I bought a Kenwood TM-D710A mobile that I set up for my car, and while programming it in my house, I set it for 50 watts (H) on UHF, and using the same house antenna, I noticed that I was able to make the trip to that repeater with no issue at all. It was refreshing for a change. Of course this is no surprise since it is 30 watts stronger.

My question is this... Is there an amplifier on the market that I can plug my Yaesu FT-897 into that will boost the wattage to at least 50 watts or higher? I was once told I don't need a tuner because I only work VHF and UHF, and at the moment, I only have a VHF/UHF antenna. Also, I'm really not looking to do anything illegal, I would just like for my 897D to have a little more power as the Kenwood D710A has. Any suggestions would be greatly appreciated.

David

[Non-text portions of this message have been removed]

32040. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-11-29 20:29:44 UTC
From: Dan Schaaf
Topic: 31913 Message: 32040

Hi Rob

No flaming here.

But where did this info come from then? http://hflink.com/5mhz/ Quote: "Transmission of a carrier, especially zero-beat, is not allowed in some countries (such as USA)."

Dan Schaaf

==========
K3ZXL www.k3zxl.com
Cape Cod Instruments www.gnm-inc.com
NOBSKA www.nobska.net
==========

----- Original Message -----
From: Rob Stampfli
To: FT897@yahoogroups.com
Sent: Monday, November 29, 2010 3:20 PM
Subject: Re: [FT897] 60 metres tuning

On Mon, Nov 29, 2010 at 02:03:02PM -0500, Dan Schaaf wrote:
> Tuning is not permitted on 60 meter channels.

Dan (et. al.),
I don't wan't to get into a flamefest over this, but the regs for 60m
do not address "tuning". They only address modes of operation.

Below is a snippet from the ARRL's 60-meter FAQ, which can be found
in its entirety here: http://www.arrl.org/60-meter-faq

"But if USB is the only permissible emission, how can hams "tune up"
on 5 MHz? That might mean putting out a carrier.
...
Most automatic tuners do require briefly transmitting a small amount
of carrier over the air. Not recommended but probably legal (as long
as you're not interfering with other stations) would be the tried and
true "whistling" or "hellllllooooo" methods."

I will also point out that antenna analyzers are no panacea. They
work by injecting a small RF signal into the antenna, too.

Reasonable people may disagree on the interpretation of the rules, and
if you believe a whistle is contrary to the rules, by all means don't
do it.

These are my final comments on this matter here,
Rob / KD8WK

[Non-text portions of this message have been removed]

32041. Re: [FT897] 60 metres tuning

Yahoo group: FT897 (2010)
Date: 2010-12-07 05:10:35 UTC
From: Rob Stampfli
Topic: 31913 Message: 32041

Hi Dan,
A zero beat carrier would clearly be illegal by virtue of the fact that
it is outside of the assigned 2.8 khz passband for the channel, which
extends (presuming the amateur uses the FCC's suggested -1.5 khz carrier
offset from the channel's center frequency) from 100 hz to 2.9 khz above
the (supressed) carrier frequency. For a more complete explanation, see:

http://www.arrl.org/60m-channel-allocation
http://www.arrl.org/what-the-fcc-rules-say-97-303-s

Beyond that, if you'd still like to discuss it further, I suggest (and
would be happy) to do so off-net.

Rob / KD8Wk

On Mon, Nov 29, 2010 at 03:29:44PM -0500, Dan Schaaf wrote:
> Hi Rob
>
> No flaming here.
>
> But where did this info come from then? http://hflink.com/5mhz/ Quote:
> "Transmission of a carrier, especially zero-beat, is not allowed in some countries (such
as USA)."
>
> Dan Schaaf
>
> ==================================
> K3ZXL www.k3zxl.com
> Cape Cod Instruments www.gnm-inc.com
> NOBSKA www.nobska.net
> ==================================
>
> ----- Original Message -----
> From: Rob Stampfli
> To: FT897@yahoogroups.com
> Sent: Monday, November 29, 2010 3:20 PM
> Subject: Re: [FT897] 60 metres tuning
>
>
>
>
> On Mon, Nov 29, 2010 at 02:03:02PM -0500, Dan Schaaf wrote:
> > Tuning is not permitted on 60 meter channels.
>
> Dan (et. al.),
> I don't wan't to get into a flamefest over this, but the regs for 60m
> do not address "tuning". They only address modes of operation.

>
> Below is a snippet from the ARRL's 60-meter FAQ, which can be found
> in its entirety here: http://www.arrl.org/60-meter-faq
>
> "But if USB is the only permissible emission, how can hams "tune up"
> on 5 MHz? That might mean putting out a carrier.
> ...
> Most automatic tuners do require briefly transmitting a small amount
> of carrier over the air. Not recommended but probably legal (as long
> as you're not interfering with other stations) would be the tried and
> true "whistling" or "hellllllooooo" methods."
>
> I will also point out that antenna analyzers are no panacea. They
> work by injecting a small RF signal into the antenna, too.
>
> Reasonable people may disagree on the interpretation of the rules, and
> if you believe a whistle is contrary to the rules, by all means don't
> do it.
>
> These are my final comments on this matter here,
> Rob / KD8WK
>
>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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32042. RE: [FT897] S-Meter at maximum all the time

Yahoo group: FT897 (2010)
Date: 2010-12-07 06:19:03 UTC
From: Eric van de Weyer
Topic: 32031 Message: 32042

Hi Dale,

Make certain that Menu 080 (SQL/RF Gain) is set to Sql for squelch to operate on all modes. If it is set to RF Gain and you turn it down, you can get that sort of indication on the S meter as to reduce the RF gain it increases the voltage on the ADG line which causes the S meter to read high.

Of course, as you have been inside the rig with the soldering iron, you may have inadvertently screwed something up which is the root cause.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of qdh123
Sent: Sunday, 5 December 2010 08:33
To: FT897@yahoogroups.com
Subject: [FT897] S-Meter at maximum all the time

Hello Group
I recently fixed the dreaded "static crashes all bands all modes no antenna" problem on my 897. I replaced CF1005 AM filter, along with CF1002 & CF1003 FM filters and some of the switching diodes nearby. (Absolute torture, let me tell you!) The good news is this solved the continuous +S9 static crashes that is a common problem as has been discussed many times in the Group. The bad news is my S-meter is not right. When the rig powers up the S-meter starts at S8 and within seconds moves to S++ (max'd to right) on all bands all modes with or without antenna. The rig is working fine on Tx and Rx. I'm hoping someone with some circuit familiarity can help me troubleshoot the the S-meter circuit. I'm guessing it's driven by the AGC circuit, probably in the Q1099 area. This sort of makes sense since it's right after the filter circuits where I was performing microsurgery. Either the S-meter driver was also bad or I messed it up while fixing the filter problem. Another hint
- squelch works for FM but no longer works for other modes. I don't really know the details of how the AGC works and thus don't know what to look for on the oscilloscope. Any advice would be welcome.

73, dale KD7UO

Yahoo! Groups Links

32043. RE: [FT897] S-Meter at maximum all the time

Yahoo group: FT897 (2010)
Date: 2010-12-07 06:19:03 UTC
From: Eric van de Weyer
Topic: 32031 Message: 32043

Hi Dale,

Make certain that Menu 080 (SQL/RF Gain) is set to Sql for squelch to operate on all modes. If it is set to RF Gain and you turn it down, you can get that sort of indication on the S meter as to reduce the RF gain it increases the voltage on the ADG line which causes the S meter to read high.

Of course, as you have been inside the rig with the soldering iron, you may have inadvertently screwed something up which is the root cause.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of qdh123
Sent: Sunday, 5 December 2010 08:33
To: FT897@yahoogroups.com
Subject: [FT897] S-Meter at maximum all the time

Hello Group
I recently fixed the dreaded "static crashes all bands all modes no antenna" problem on my 897. I replaced CF1005 AM filter, along with CF1002 & CF1003 FM filters and some of the switching diodes nearby. (Absolute torture, let me tell you!) The good news is this solved the continuous +S9 static crashes that is a common problem as has been discussed many times in the Group. The bad news is my S-meter is not right. When the rig powers up the S-meter starts at S8 and within seconds moves to S++ (max'd to right) on all bands all modes with or without antenna. The rig is working fine on Tx and Rx. I'm hoping someone with some circuit familiarity can help me troubleshoot the the S-meter circuit. I'm guessing it's driven by the AGC circuit, probably in the Q1099 area. This sort of makes sense since it's right after the filter circuits where I was performing microsurgery. Either the S-meter driver was also bad or I messed it up while fixing the filter problem. Another hint
- squelch works for FM but no longer works for other modes. I don't really know the details of how the AGC works and thus don't know what to look for on the oscilloscope. Any advice would be welcome.

73, dale KD7UO

Yahoo! Groups Links

32044. RE: [FT897] Strange tone

Yahoo group: FT897 (2010)
Date: 2010-12-07 06:21:47 UTC
From: Eric van de Weyer
Topic: 32032 Message: 32044

Hi Mark,

I had something that sounds similar happen to mine when it was quite new where the tone changed from a nice tone to a rather raucous noise each time. Everything else was working OK. I fixed it with a full reset of the radio.

Remember to save your memories beforehand so you can reload them if you try this.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Mark
Sent: Tuesday, 7 December 2010 01:39
To: FT897@yahoogroups.com
Subject: [FT897] Strange tone

Hi all
My FT-897ND has started getting a strange tone on power up and when you use the menu key.
It is set for 440Hz but seems much lower and muffled untill the radio has been on for a while and then all is fine.
Any ideas what the problem could be as it drives me nuts?
regards
Mark
2W0SKW

Yahoo! Groups Links

32045. Re: Strange tone

Yahoo group: FT897 (2010)
Date: 2010-12-07 11:55:13 UTC
From: Mark
Topic: 32032 Message: 32045

Thanks for the reply Eric.

I did not mention that I have changed my computers around and the one this radio has a CAT connection with now does not leave a supply on the USB port when switched off. While playing around to try and find the problem I discovered that if I switch the PC on first the radio was fine, but if I switch the radio on first I had the tone problem.

I have now connected the CAT lead through a self powered USB hub and all is well. I suspect it may be something to do with a cheap Chinese USB CAT lead.

Regards

Mark

2W0SKW

[Non-text portions of this message have been removed]

32046. Re: [FT897] Re: Strange tone

Yahoo group: FT897 (2010)
Date: 2010-12-07 12:34:21 UTC
From: Bret McDanel
Topic: 32032 Message: 32046

On Tue, 2010-12-07 at 11:55 +0000, Mark wrote:
>
> I have now connected the CAT lead through a self powered USB hub and
> all is
> well. I suspect it may be something to do with a cheap Chinese USB CAT
> lead.

Another cure for noise with a CAT cable is to switch from TXREQ to
TXGND. Remove the top cover of the radio. Right where the ground lug
is there is a jumper, J27 if memory serves (J1027 on the schematic).
Silkscreened is which was is TXREQ (default) and TXGND. Switching that
cured all noise from the cat and data cable when used with my laptop
while charging.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32047. monitor mode

Yahoo group: FT897 (2010)
Date: 2010-12-07 14:06:23 UTC
From: Bret McDanel
Topic: 32047 Message: 32047

I am wanting to use the data audio lines as a monitor mode for my radio. I want to record both what I say and what is received over the air on my laptop. Currently I can plug either the 1200 or 9600 lines from the DATA port in the back of the radio into the line in on my laptop and capture received traffic. I cannot appear to capture what I say when I use the mic. Short of getting a mixer to mux the audio output of the radio and the microphone is there a setting that will enable a monitor mode so that I can capture what I say?

I am using the DATA port so that I can use digital vox (menu #40) and have a remote streaming mic in addition to the local one. Dont try to understand, just accept that its done that way :) There is actually a reason for it.

If it is not possible short of splicing into the RJ45 jack with a mixer board to combine the handmic then that is what I will do, I am just hoping that I can avoid buying anything additional, but I have not seen any menu items that seem promising or anything in the manual.

Thanks
--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32048. Re: S-Meter at maximum all the time

Yahoo group: FT897 (2010)
Date: 2010-12-07 20:17:06 UTC
From: qdh123
Topic: 32031 Message: 32048

Hi Eric
Nope, checked that and it's ok. I'm in RF Gain mode and even with the gain pot all the way up (cw) the S-meter is still at or nearly at the right side. Interestingly the sensitivity of the rig appears ok and does vary with the RF gain pot setting as usual. I agree with you as to the probable root cause - a soldering iron on the loose over a PCB with the smallest SMDs I've ever seen (or more accurately, not seen, hi).

73, dale kd7uo

32049. RE: [FT897] Re: S-Meter at maximum all the time

Yahoo group: FT897 (2010)
Date: 2010-12-07 20:33:43 UTC
From: eric@van-de-weyer.org
Topic: 32031 Message: 32049

Hi Dale,

no problem. Sometimes when looking at such problems it is easy to overlook
the obvious and so it can help to get that reminder.

Yes, some of those parts are very small, aren't they? I actually have my
817 in bits at the moment chasing a problem with no output which is eminating
from the main board. there is no RF coming out of it to the finals board.
must get the bench cleared off and get back to repairing it as i miss the
little rig. I also have 2 100d's which need some work. will try to get back
to them all whilst I'm on holidays in a few weeks.

Anyhow, good luck with the problem. hope you manage to fix it.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "qdh123" <qdh123@...>
>Date: Tue, 07 Dec 2010 20:17:06 -0000
>Subject: [FT897] Re: S-Meter at maximum all the time
>Reply-To: FT897@yahoogroups.com
>
>
>Hi Eric
>Nope, checked that and it's ok. I'm in RF Gain mode and even with the gain
>pot all the way up (cw) the S-meter is still at or nearly at the right side.
> Interestingly the sensitivity of the rig appears ok and does vary with
the
>RF gain pot setting as usual. I agree with you as to the probable root
cause
>- a soldering iron on the loose over a PCB with the smallest SMDs I've ever
>seen (or more accurately, not seen, hi).
>
>73, dale kd7uo
>
>
>
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>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

32050. Hi, You seriously got to look at this stuff.

Yahoo group: FT897 (2010)
Date: 2010-12-08 00:16:46 UTC
From: Mark Kliewer
Topic: 32050 Message: 32050

[Non-text portions of this message have been removed]

32051. Re: [FT897] Hi, You seriously got to look at this stuff.

Yahoo group: FT897 (2010)
Date: 2010-12-08 00:25:09 UTC
From: n8mfn@fuse.net
Topic: 32050 Message: 32051

-Look at what

--- Mark Kliewer <kc7qhc1@...> wrote:
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

32052. Re: Hi, You seriously got to look at this stuff.

Yahoo group: FT897 (2010)
Date: 2010-12-08 13:43:29 UTC
From: kf5hse_travis
Topic: 32050 Message: 32052

Probably a spammer. There should be a way to report them and get them kicked from the forums.

Travis
KF5HSE

--- In FT897@yahoogroups.com, <n8mfn@...> wrote:
>
> -Look at what
>
>
> --- Mark Kliewer <kc7qhc1@...> wrote:
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

32053. Re: [FT897] Re: Hi, You seriously got to look at this stuff.

Yahoo group: FT897 (2010)
Date: 2010-12-08 15:42:08 UTC
From: Joe
Topic: 32050 Message: 32053

There was something attached to the message but it ws stripped as the owner/moderator does not allow attachments here on FT897, hence the blank message.

Joe-WA6RKN

----- Original Message -----
From: "kf5hse_travis" <travburg1@...>
Subject: [FT897] Re: Hi, You seriously got to look at this stuff.

> Probably a spammer. There should be a way to report them and get them
> kicked from the forums.

32054. Low AM Output

Yahoo group: FT897 (2010)
Date: 2010-12-08 19:24:53 UTC
From: lm3ri
Topic: 32054 Message: 32054

My 897 has very low, (5 watts) AM output on all bands. All other modes are fine. It has been this way for some time, but I am finally wanting to remedy the situation. Any suggestions?

Leeds
WA1GJF

32055. Re: monitor mode

Yahoo group: FT897 (2010)
Date: 2010-12-09 11:52:31 UTC
From: m0xdx
Topic: 32047 Message: 32055

Hi Bret,

No unfortunately there is no monitor function on the 857/897 which is really annoying when using a headset.
What I have done is to use a cheap stereo amplifier taken from some computer speakers. Feed the mic audio into one channel and the speaker output into the other channel.
Then combine the amplifier outputs to get a mono output into the headset. It's not perfect but it does work, although I did have a lot of RF feedback problems at first.

73 Paul M0XDX

32056. Re: [FT897] Re: monitor mode

Yahoo group: FT897 (2010)
Date: 2010-12-09 12:11:49 UTC
From: Bret McDanel
Topic: 32047 Message: 32056

On Thu, 2010-12-09 at 11:52 +0000, m0xdx wrote:
>
>
>
> Hi Bret,
>
> No unfortunately there is no monitor function on the 857/897 which is
> really annoying when using a headset.
> What I have done is to use a cheap stereo amplifier taken from some
> computer speakers. Feed the mic audio into one channel and the speaker
> output into the other channel.
> Then combine the amplifier outputs to get a mono output into the
> headset. It's not perfect but it does work, although I did have a lot
> of RF feedback problems at first.

Ok, I will just get a cheap mixer board, which I can use for other
things so its not a great loss. I will then just wire up a connector
box and tap the mic off the RJ45. This will let me do a live stream of
the net (I am using stickam.com cause its free) as well as do remote
stuff from skype or whatever (digital vox instead of PTT).

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32057. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-09 17:38:00 UTC
From: realbud99
Topic: 31995 Message: 32057

My father had the exact same problem and I found that one of the cables was not plugged all the way in. **********

--- In FT897@yahoogroups.com, "Mike Ernst" <ae8u@...> wrote:
>
> Anthony,
>
>
>
> Two things - in order for the tuner to tune, it must be able to switch the
> FT897 into transmit mode. So my guess is that is what is not happening. That
> is where I would focus. Check the cable associated with that function (the
> manual states Connect the Y-ACC cable. Plug the red end marked "Radio" into
> the radio's ACC port. Connect the black end marked "Tuner" into the tuner's
> interface jack marked "OTT".) If that cable is not making good contact the
> tuner will not work. I had a fellow Ham whose unit was doing the same thing.
> Turns out he had not pushed the 3.5MM plug fully into the socket. On my unit
> I built a small external device that switches the Transceiver into transmit
> at 5 watts. It plugs into the ACC port on the rig and the red wire above
> gets omitted. This little device has a toggle switch to kick the unit into
> transmit, and if I forget to flip the toggle switch, my tuner does not work
> either.
>
>
>
> Also, some of the mini din plugs rubber outer jacket is slightly larger than
> the mating female socket on the transceiver. Make sure they all seat well.
> (I had to use some sand paper and shave mine down slightly.)
>
>
>
> Hope this works out for you.
>
>
>
> 73,
>
> Mike Ernst, AE8U
>
> No trees were harmed in the sending of this message; however, a large number
> of electrons were terribly inconvenienced.
>
>
>
>

>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> ke7adu
> Sent: Wednesday, December 01, 2010 1:50 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] AT-897 won't tune
>
>
>
>
>
> Today I received the refurbished AT-897 I ordered from cheapham.com. I
> carefully followed the instructions to install the unit to side of my
> FT-897D and then attached the cables per the diagram in the manual.
> Installed an antenna and pressed the tune button. Nothing happened. I
> checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897
> was set at 9600.
>
> I pressed tune again for several seconds and still nothing happened. I power
> cycled the unit, double, tripe and quadruple checked the cables and I am
> convinced they are correct. My antenna is resonant on 160 meters so I tuned
> in a few QSO on 160 with no problem with the tuner in line. I also tried
> tuning on several bands I know require matching with my AT-1000.
>
> Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.
>
> Thanks,
> Anthony
> AE7HS
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

32058. Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-09 20:27:36 UTC
From: tivoligardens@yahoo.com
Topic: 31995 Message: 32058

its hard to tune those old guys when their cables are not plugged in. They tune out too often. :)

--- In FT897@yahoogroups.com, "realbud99" <jeep_daddy@...> wrote:
>
> My father had the exact same problem and I found that one of the cables was not plugged all the way in. **********
>
> --- In FT897@...m, "Mike Ernst" <ae8u@> wrote:
> >
> > Anthony,
> >
> >
> >
> > Two things - in order for the tuner to tune, it must be able to switch the
> > FT897 into transmit mode. So my guess is that is what is not happening. That
> > is where I would focus. Check the cable associated with that function (the
> > manual states Connect the Y-ACC cable. Plug the red end marked "Radio" into
> > the radio's ACC port. Connect the black end marked "Tuner" into the tuner's
> > interface jack marked "OTT".) If that cable is not making good contact the
> > tuner will not work. I had a fellow Ham whose unit was doing the same thing.
> > Turns out he had not pushed the 3.5MM plug fully into the socket. On my unit
> > I built a small external device that switches the Transceiver into transmit
> > at 5 watts. It plugs into the ACC port on the rig and the red wire above
> > gets omitted. This little device has a toggle switch to kick the unit into
> > transmit, and if I forget to flip the toggle switch, my tuner does not work
> > either.
> >
> >
> >
> > Also, some of the mini din plugs rubber outer jacket is slightly larger than
> > the mating female socket on the transceiver. Make sure they all seat well.
> > (I had to use some sand paper and shave mine down slightly.)
> >
> >
> >
> > Hope this works out for you.
> >
> >
> >
> > 73,
> >
> > Mike Ernst, AE8U
> >
> > No trees were harmed in the sending of this message; however, a large number

> > of electrons were terribly inconvenienced.
> >
> >
> >
> >
> >
> >
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > ke7adu
> > Sent: Wednesday, December 01, 2010 1:50 AM
> > To: FT897@yahoogroups.com
> > Subject: [FT897] AT-897 won't tune
> >
> >
> >
> >
> >
> > Today I received the refurbished AT-897 I ordered from cheapham.com. I
> > carefully followed the instructions to install the unit to side of my
> > FT-897D and then attached the cables per the diagram in the manual.
> > Installed an antenna and pressed the tune button. Nothing happened. I
> > checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897
> > was set at 9600.
> >
> > I pressed tune again for several seconds and still nothing happened. I power
> > cycled the unit, double, tripe and quadruple checked the cables and I am
> > convinced they are correct. My antenna is resonant on 160 meters so I tuned
> > in a few QSO on 160 with no problem with the tuner in line. I also tried
> > tuning on several bands I know require matching with my AT-1000.
> >
> > Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.
> >
> > Thanks,
> > Anthony
> > AE7HS
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

32059. Re: Low AM Output

Yahoo group: FT897 (2010)
Date: 2010-12-09 22:29:31 UTC
From: Radio_Randy
Topic: 32054 Message: 32059

I would start by doing a master reset of the radio, since I don't know if the AM power setting is via hardware or software.

Other than that, there may be a pot within the radio that sets the AM power limit.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "lm3ri" <MITCHELLRI@...> wrote:
>
> My 897 has very low, (5 watts) AM output on all bands. All other modes are fine. It has been this way for some time, but I am finally wanting to remedy the situation. Any suggestions?
>
> Leeds
> WA1GJF
>

32060. TX power

Yahoo group: FT897 (2010)
Date: 2010-12-10 06:08:29 UTC
From: Gerald Caparas
Topic: 32054 Message: 32060

Hi I just bought an ft 897 and newbie to hf, i would like to know if the rig is transmitting or not because so many times i have hswr while tuning the antena. I don't have tuner yet. Does the rig swr meter is accurate? 73 gerald

Sent from my iPhone

On Dec 10, 2010, at 2:29, "Radio_Randy" <rjones@theofficenet.com> wrote:

> I would start by doing a master reset of the radio, since I don't know if the AM power setting is via hardware or software.
>
> Other than that, there may be a pot within the radio that sets the AM power limit.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "lm3ri" <MITCHELLRI@...> wrote:
> >
> > My 897 has very low, (5 watts) AM output on all bands. All other modes are fine. It has been this way for some time, but I am finally wanting to remedy the situation. Any suggestions?
> >
> > Leeds
> > WA1GJF
> >
>
>

[Non-text portions of this message have been removed]

32061. No FM om !0 metre band

Yahoo group: FT897 (2010)
Date: 2010-12-10 22:01:15 UTC
From: Stuart T
Topic: 32061 Message: 32061

I was trying out my new Windom with a friend G6JVT on various frequencies.
He suggested we try FM on 29MHz/10metre band. My radio comes up with 'TX ERROR' so I cannot transmit FM, all other modes appear OKon same frequency.
Any ideas please.
Thanks Stu G7HJN. Southern UK.

32062. The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-12 08:49:54 UTC
From: ke7adu
Topic: 31995 Message: 32062

I thought I would get back to the group with the rest of this story. This turned out to be one of those problems the has more than one issue.

Issue 1: My first AT-897 was defective (never even got the tune light to work).
I had some trouble convincing LDG about that but I sent an email off to cheapham.com explaining the issue and they arranged for FedEx to pick up the old unit and shipped me a replacement unit. I am very happy with the customer service.

At some point during the troubleshooting process the fuse blew on FT-897 CAT port so I ordred a five pack of pico fuses. The new tuner arrived Friday and the pico fuses today.

I replaced the fuse and hooked up the new tuner. With the new tuner pushing the tune button did turn on the the tune light but no tuning. I manually keyed the radio and pushed tune and the tuning cycle ran.

Issue 2: After triple checking my cables, I remembered that I had changed J27 several years ago so that the FT-897 would work correctly with my AL-811 tuner. I moved the jumper back to it's default position (two pins toward the front of the radio jumped) and retested. Pushing the tune button now started a tune cycle.

I have yet to attempt a QSO but I tested the tuner on several bands and it tuned to a near 1:1 match quickly. Looks like I will be a happy customer.

Anthony - AE7HS

--- In FT897@yahoogroups.com, "ke7adu" <ae7hs@...> wrote:
>
> Today I received the refurbished AT-897 I ordered from cheapham.com. I carefully followed the instructions to install the unit to side of my FT-897D and then attached the cables per the diagram in the manual. Installed an antenna and pressed the tune button. Nothing happened. I checked Menu items 19 and 20 and set the unit to 4800 bps and CAT. The 897 was set at 9600.
>
> I pressed tune again for several seconds and still nothing happened. I power cycled the unit, double, tripe and quadruple checked the cables and I am convinced they are correct. My antenna is resonant on 160 meters so I tuned in a few QSO on 160 with no problem with the tuner in line. I also tried tuning on several bands I know require matching with my AT-1000.
>
> Has any one seen this yet? Suggestions or just DOA. I am thinking DOA.
>
> Thanks,
> Anthony
> AE7HS
>

32063. Re:No FM om 10 metre band

Yahoo group: FT897 (2010)
Date: 2010-12-12 11:03:03 UTC
From: Dave Nelson
Topic: 32063 Message: 32063

hi Stu,
'TX ERROR' always infers that you are trying to TX out of band
look to see if you have a split that is activated when in FM mode that
isnt when
in SSB. A 10M FM repeater split could be putting you out of band on the
freq
you are trying to TX on.
see if the display freq changes when you hit the PTT
Thats the first most obvious cause to check :)

Dave
VK2TDN

At 09:32 PM 12/12/2010, you wrote:
>1. No FM om !0 metre band
> Posted by: "Stuart T" stu.tweed@... g7hjn
> Date: Sat Dec 11, 2010 8:56 pm ((PST))
>
>I was trying out my new Windom with a friend G6JVT on various frequencies.
>He suggested we try FM on 29MHz/10metre band. My radio comes up with 'TX
>ERROR' so I cannot transmit FM, all other modes appear OKon same frequency.
>Any ideas please.
>Thanks Stu G7HJN. Southern UK.

32064. (no subject)

Yahoo group: FT897 (2010)
Date: 2010-12-12 13:12:45 UTC
From: Lup S. DJ7SW
Topic: 32064 Message: 32064

Hello!

switch off the repeater-shift. On 10 m the shift is normaly 0,1 Mhz.
Maybe you are on -7,6 Mhz shift. That would lead to transmit outside
the 10 m band. Clever machine isnt it?

55 es 73 de Lup DJ7SW

mailto:dj7sw@...

32065. The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-12 19:06:52 UTC
From: starski6
Topic: 31995 Message: 32065

You know that you have to hold the TUNE button down until the red light extinguishes... Only then will the LDG tune. It's not a push and release - must be held until the light goes out...

32066. Re: [FT897] The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-12 19:36:01 UTC
From: Patrick
Topic: 31995 Message: 32066

That's right, and the quick push and release turns off, or bypasses the
tuner. I do this for 40 meters, for my 40 Vertical

On Sun, Dec 12, 2010 at 2:06 PM, starski6 <starski6@...> wrote:

>
>
>
> You know that you have to hold the TUNE button down until the red light
> extinguishes... Only then will the LDG tune. It's not a push and release -
> must be held until the light goes out...
>
>
>

[Non-text portions of this message have been removed]

32067. The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-12 20:22:05 UTC
From: ke7adu
Topic: 31995 Message: 32067

Thanks for the input. That's was not the problem here though. With JP27 set towards the back of the radio a long push of the Tune button results in the tune light flashing for several seconds but the radio does not key. I will have to refresh my memory as to which setting is which but it seems that the LDG tuner will only key the FT-897 if the jumper is in the factory position. I think that is TX REQ as opposed to TX GRND. I don't use the FT-897 with my AL-811 any longer as I now use an FT-450 as my base rig so putting the jumper back is not a problem. I did think that this could benefit others who have changed the jumper or maybe bought a used rig that had had JP27 changed.

--- In FT897@yahoogroups.com, "starski6" <starski6@...> wrote:
>
>
> You know that you have to hold the TUNE button down until the red light extinguishes... Only then will the LDG tune. It's not a push and release - must be held until the light goes out...
>

32068. Re: [FT897] The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-12 22:11:06 UTC
From: Rob Stampfli
Topic: 31995 Message: 32068

This is very interesting. I have the AT-897Plus tuner, and it only has two connections to the radio -- one for the feedline and a second which connects to the CAT receptacle. I have also moved the J1027 jumper so that I could key an amp from the ACC receptacle, and I can confirm that doing so had no effect on the operation of my AT-897Plus.

The J1027 jumper allows one to configure the "ring" lead on the ACC receptacle to either place the FT-897 into transmit for tuning (the default) or to provide a keying signal for the amp.

After reading this thread, I found the manual for the AT-897 on the internet and compared it with mine. The AT-897 requires a third connection to the ACC receptacle on the radio and thus it would make sense that it uses the ring lead to key the amp. The AT-897Plus, OTOH, does not use the ACC connection at all. Instead, it places the rig in AM mode to provide a carrier. They even warn you that what you say near the mike while the rig is tuning can go out over the air.

I had thought that the AT-897Plus only differed in the number of memories it contained, but it appears that LDG also redesigned the way the tuner interacts with the rig to cause it to provide a carrier in order to tune.

And, BTW, both the AT-897 and AT-897Plus work similarly with respect to the button: A quick press will cycle the tuner between bypassing the tuner (3 quick flashes) and the last setting (1 flash). Holding the button until the LED comes on and then releasing it will cause the tuner to memory tune, if it can, and revert to a full tune if it must. Pressing the button until the LED turns on and then off again will force the LDG to do a full tune.

Rob / KD8WK

On Sun, Dec 12, 2010 at 08:22:05PM -0000, ke7adu wrote:
> Thanks for the input. That's was not the problem here though. With JP27 set towards the back of the radio a long push of the Tune button results in the tune light flashing for several seconds but the radio does not key. I will have to refresh my memory as to which setting is which but it seems that the LDG tuner will only key the FT-897 if the jumper is in the factory position. I think that is TX REQ as opposed to TX GRND. I don't use the FT-897 with my AL-811 any longer as I now use an FT-450 as my base rig so putting the jumper back is not a problem. I did think that this could benefit others who have changed the jumper or maybe bought a used rig that had had JP27 changed.
>
>
> --- In FT897@yahoogroups.com, "starski6" <starski6@...> wrote:
> >
> >

> > You know that you have to hold the TUNE button down until the red light extinguishes... Only then will the LDG tune. It's not a push and release - must be held until the light goes out...

32069. Re: TX power

Yahoo group: FT897 (2010)
Date: 2010-12-13 05:35:50 UTC
From: Radio_Randy
Topic: 32054 Message: 32069

Stop transmitting on your radio until you get your antenna tuned or checked.

The radio is saying "Hi SWR" for a reason. If you continue to use it as such, you may be in for a big repair bill.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, Gerald Caparas <gerald.caparas@...> wrote:
>
> Hi I just bought an ft 897 and newbie to hf, i would like to know if the rig is transmitting or not because so many times i have hswr while tuning the antena. I don't have tuner yet. Does the rig swr meter is accurate? 73 gerald
>
> Sent from my iPhone
>
> On Dec 10, 2010, at 2:29, "Radio_Randy" <rjones@...> wrote:
>
> > I would start by doing a master reset of the radio, since I don't know if the AM power setting is via hardware or software.
> >
> > Other than that, there may be a pot within the radio that sets the AM power limit.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com, "lm3ri" <MITCHELLRI@> wrote:
> > >
> > > My 897 has very low, (5 watts) AM output on all bands. All other modes are fine. It has been this way for some time, but I am finally wanting to remedy the situation. Any suggestions?
> > >
> > > Leeds
> > > WA1GJF
> > >
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>
> [Non-text portions of this message have been removed]
>

32070. Re: [FT897] Re: TX power

Yahoo group: FT897 (2010)
Date: 2010-12-13 07:08:49 UTC
From: Patrick
Topic: 32054 Message: 32070

Disagreed! The FT-897 will cut back power when the SWR is in the "danger" zone. Yes the SWR needs to be adjusted, that is the correct thing to do, but it's a safety measure to protect the finals.

On Mon, Dec 13, 2010 at 12:35 AM, Radio_Randy <rjones@...>wrote:

>
>
> Stop transmitting on your radio until you get your antenna tuned or
> checked.
>
> The radio is saying "Hi SWR" for a reason. If you continue to use it as
> such, you may be in for a big repair bill.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Gerald Caparas
> <gerald.caparas@...> wrote:
> >
> > Hi I just bought an ft 897 and newbie to hf, i would like to know if the
> rig is transmitting or not because so many times i have hswr while tuning
> the antena. I don't have tuner yet. Does the rig swr meter is accurate? 73
> gerald
> >
> > Sent from my iPhone
> >
> > On Dec 10, 2010, at 2:29, "Radio_Randy" <rjones@...> wrote:
> >
> > > I would start by doing a master reset of the radio, since I don't know
> if the AM power setting is via hardware or software.
> > >
> > > Other than that, there may be a pot within the radio that sets the AM
> power limit.
> > >
> > > 73, Randy N7CKJ
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "lm3ri"
> <MITCHELLRI@> wrote:
> > > >
> > > > My 897 has very low, (5 watts) AM output on all bands. All other
> modes are fine. It has been this way for some time, but I am finally wanting
> to remedy the situation. Any suggestions?
> > > >
> > > > Leeds
> > > > WA1GJF

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> >
> > [Non-text portions of this message have been removed]
> >
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[Non-text portions of this message have been removed]

32071. FT-897 Display Question

Yahoo group: FT897 (2010)
Date: 2010-12-13 18:19:04 UTC
From: KA6UUP
Topic: 32071 Message: 32071

I recently had to do a reset on my FT-897 and now my display color is
not right.
I have the color I chose (menu 41 setting 32) for about 1/3 of the left
side of the display and the rest has a pinkish
tint to it.
I don't recall this being a issue before.
Can anyone suggest an explanation for this; and, hopefully, a fix?
tnx es 73,
Chuck KA6UUP

32072. Re: [FT897] FT-897 Display Question

Yahoo group: FT897 (2010)
Date: 2010-12-13 18:24:45 UTC
From: joe markey
Topic: 32071 Message: 32072

GA Chuck et al,
Have you adjusted the contrast setting? Not in front of my rig so check the manual for the menu location. Hope that helps!
73,

Joe M.

AJ4QM

Certified:ARRL VE

Certified:SKYWARN (basic)

Member: GSARC(W4GS)-2011 Club President-

Member: ARRL

Member: ARES/RACES (Horry County AEC)

Member: SCHEART-RRT

Member: Echolink(Node#471430)

Member: NAQCC Member #4223

--- On Mon, 12/13/10, KA6UUP <ka6uup@...> wrote:

From: KA6UUP <ka6uup@...>
Subject: [FT897] FT-897 Display Question
To: FT897@yahoogroups.com
Date: Monday, December 13, 2010, 1:19 PM

I recently had to do a reset on my FT-897 and now my display color is

not right.

I have the color I chose (menu 41 setting 32) for about 1/3 of the left

side of the display and the rest has a pinkish

tint to it.

I don't recall this being a issue before.

Can anyone suggest an explanation for this; and, hopefully, a fix?

tnx es 73,

Chuck KA6UUP

[Non-text portions of this message have been removed]

32073. Re: FT-897 Display Question

Yahoo group: FT897 (2010)
Date: 2010-12-13 20:17:02 UTC
From: Charles
Topic: 32071 Message: 32073

I checked my contrast setting which is menu 42 and the setting is 4
which seems to be the best
for my preference.
This made no difference in the color variations in the display however.
Thanks for the suggestion Joe.
tnx es 73, Chuck
--- In FT897@yahoogroups.com, joe markey <joem41577@...> wrote:
>
> GA Chuck et al,
> Have you adjusted the contrast setting? Not in front of my rig so
check the manual for the menu location.Â Hope that helps!
> 73,
>
> Joe M.
>
> AJ4QM
>
> Certified:ARRL VE
>
> Certified:SKYWARN (basic)
>
> Member: GSARC(W4GS)-2011 Club President-
>
> Member: ARRL
>
> Member: ARES/RACES (Horry County AEC)
>
> Member: SCHEART-RRT
>
> Member: Echolink(Node#471430)
>
> Member: NAQCC Member #4223
>
> --- On Mon, 12/13/10, KA6UUP ka6uup@... wrote:
>
> From: KA6UUP ka6uup@...
> Subject: [FT897] FT-897 Display Question
> To: FT897@yahoogroups.com
> Date: Monday, December 13, 2010, 1:19 PM
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> I recently had to do a reset on my FT-897 and now my display
color is
>
> not right.
>
> I have the color I chose (menu 41 setting 32) for about 1/3 of the
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>
> side of the display and the rest has a pinkish
>
> tint to it.
>
> I don't recall this being a issue before.
>
> Can anyone suggest an explanation for this; and, hopefully, a fix?
>
> tnx es 73,
>
> Chuck KA6UUP
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> [Non-text portions of this message have been removed]
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32074. RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-13 22:07:50 UTC
From: wb6cyk
Topic: 32074 Message: 32074

The problem resolved itself, but can anyone tell me why the radio would selectively transmit on 6, 30 and 80 meters and have no output on other bands? The radio was tested connected to an antenna previously tuned with another radio. I paged through all of the menu items and compared the settings to the default values listed in the owners manual. I tried again with the tuned antenna and 160 through 10 worked fine. I had previously tried several coax connecting cables between the radio and the tuner being careful about a loose connector. When testing there was no indication of high SWR, just no output on the particular band.

Burton - wb6cyk

32075. The answer / Re: AT-897 won't tune

Yahoo group: FT897 (2010)
Date: 2010-12-14 00:19:48 UTC
From: ke7adu
Topic: 31995 Message: 32075

Ron,

Thanks for the reminder on the jumper function. I was looking at the AT-897 Plus but found this refurb unit with factory warranty at cheapham.com for $120. It was too good a price to pass up. The unit works very well now that I have worked through the kinks.

Anthony
AE7HS

--- In FT897@yahoogroups.com, Rob Stampfli <res@...> wrote:

>
> The J1027 jumper allows one to configure the "ring" lead on the ACC
> receptacle to either place the FT-897 into transmit for tuning (the
> default) or to provide a keying signal for the amp.
>

> I had thought that the AT-897Plus only differed in the number of memories
> it contained, but it appears that LDG also redesigned the way the tuner
> interacts with the rig to cause it to provide a carrier in order to tune.
>

32076. RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-15 12:37:11 UTC
From: wb6cyk
Topic: 32074 Message: 32076

It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.

Burton - wb6cyk

32077. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-16 20:02:23 UTC
From: Radio_Randy
Topic: 32074 Message: 32077

Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?

Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@...> wrote:
>
> It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
>
> Burton - wb6cyk
>

32078. Re: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-16 21:04:06 UTC
From: F1RVC_Yahoo
Topic: 32074 Message: 32078

try cleaning relays by doing this:

Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle

73's

----- Original Message -----
From: Radio_Randy
To: FT897@yahoogroups.com
Sent: Thursday, December 16, 2010 9:02 PM
Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands

Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?

Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@...> wrote:
>
> It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
>
> Burton - wb6cyk
>

[Non-text portions of this message have been removed]

32079. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-17 00:14:45 UTC
From: wb6cyk
Topic: 32074 Message: 32079

Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.

I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?

Thanks a bunch for answering my inquiry.

Burton

>
> Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
>
>
> 73's
>
>
>
>
> ----- Original Message -----
> From: Radio_Randy
> To: FT897@yahoogroups.com
> Sent: Thursday, December 16, 2010 9:02 PM
> Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
>
>
>
> Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
>
> Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> >
> > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> >

> > Burton - wb6cyk
> >
>
>
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>
> [Non-text portions of this message have been removed]
>

32080. AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-17 21:01:42 UTC
From: Danny Loyd
Topic: 32080 Message: 32080

I just put up a 6 meter antenna and tried connecting to the rig through my AT-897 and got a high SWR reading on transmit. When I went directly to the rig without going through the AT-897, I got perfect 1:1 SWR reading and good power out reading. Does this mean that the AT-897 will not work with 6 meters? If so, will a antenna switch with the 6 meter beam going to one side and the tuner going to the other feeding to the rig on the input side work? Will the tuner tune through the switch?

Danny
KE5WDI

32081. RE: [FT897] AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-17 21:52:07 UTC
From: Ken Bandy
Topic: 32080 Message: 32081

Even though the specs say the AT-897 will work up through 6 meters, I never have had very good results with it up there. I do what you are thinking, and have a switch prior to the tuner. Actually, I have three switches: one to select between a Windom antenna, the 6 meter beam, and a tri-band beam, and two others to select whether to go through the tuner or not, since I only use the tuner on the Windom.

73,
Ken
KJ9B

> -----Original Message-----
> From: Danny Loyd [mailto:ke5wdi@...]
> Sent: Friday, December 17, 2010 4:02 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] AT897 and 6 meter
>
> I just put up a 6 meter antenna and tried connecting to the rig through my
> AT-897 and got a high SWR reading on transmit. When I went directly to the
> rig
> without going through the AT-897, I got perfect 1:1 SWR reading and good
> power
> out reading. Does this mean that the AT-897 will not work with 6 meters?
> If so,
> will a antenna switch with the 6 meter beam going to one side and the
> tuner
> going to the other feeding to the rig on the input side work? Will the
> tuner
> tune through the switch?
>
> Danny
> KE5WDI
>

32082. Re: [FT897] AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-17 22:10:36 UTC
From: P Grant
Topic: 32080 Message: 32082

Hello Danny,

I note that you have good results on 6 M band working direct to the antennas, and want to use the tuner on another antenna, as you had done before starting on 6 Meters.

Easy way is to use a patch lead from the radio direct to the antenna switch input, one outlet port going direct to the 6 Meter antenna, and the other outlet port [using another patch lead] from the switch going to the AT-897 tuner as before, and then out to your original antenna set up.

That will allow, when you want to use 50 MHz you just switch over to the 50 MHz antenna, and forget about the tuner, as it is not in line when using 50 MHz on TX or RX.

Regarding the AT-897, it will work as before on your original antenna,,, just change the position of the switch to the position you have "marked" for that cable going to the tuner, and adjust [tune] settings as before.

Look up your local [50MHz] repeaters for stations using 50 MHz and tune around for stations to work , if you have not worked on 6 Meters before, you will find out where the SSB, and other modes gather when DX is working,,, otherwise you could miss a good opening.

If you have not already purchased an antenna switch, you can buy [the best you can afford] one with several outlets, to allow connecting several antenna systems in and out.

Hope to work you on six

73 from Ireland Peter EI4HX _____ ei4hxperimental@...

----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups.com
Sent: Friday, December 17, 2010 9:01 PM
Subject: [FT897] AT897 and 6 meter

I just put up a 6 meter antenna and tried connecting to the rig through my
AT-897 and got a high SWR reading on transmit. When I went directly to the rig
without going through the AT-897, I got perfect 1:1 SWR reading and good power
out reading. Does this mean that the AT-897 will not work with 6 meters? If so,
will a antenna switch with the 6 meter beam going to one side and the tuner
going to the other feeding to the rig on the input side work? Will the tuner
tune through the switch?

Danny
KE5WDI

[Non-text portions of this message have been removed]

32083. Re: [FT897] AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-17 23:27:31 UTC
From: Danny Loyd
Topic: 32080 Message: 32083

Thanks for the answers. You both just confirmed what I was thinking. I just have to build
another jumper to go to the tuner.

Thanks,

Danny
KE5WDI

From: P Grant <ei4hxperimental@eircom.net>
To: FT897@yahoogroups.com
Sent: Fri, December 17, 2010 4:10:36 PM
Subject: Re: [FT897] AT897 and 6 meter

Hello Danny,

I note that you have good results on 6 M band working direct to the antennas, and want to use the tuner on another antenna, as you had done before starting on 6 Meters.

Easy way is to use a patch lead from the radio direct to the antenna switch input, one outlet port going direct to the 6 Meter antenna, and the other outlet port [using another patch lead] from the switch going to the AT-897 tuner as before, and then out to your original antenna set up.

That will allow, when you want to use 50 MHz you just switch over to the 50 MHz antenna, and forget about the tuner, as it is not in line when using 50 MHz on TX or RX.

Regarding the AT-897, it will work as before on your original antenna,,, just change the position of the switch to the position you have "marked" for that cable going to the tuner, and adjust [tune] settings as before.

Look up your local [50MHz] repeaters for stations using 50 MHz and tune around for stations to work , if you have not worked on 6 Meters before, you will find out where the SSB, and other modes gather when DX is working,,, otherwise you could miss a good opening.

If you have not already purchased an antenna switch, you can buy [the best you can afford] one with several outlets, to allow connecting several antenna systems in and out.

Hope to work you on six

73 from Ireland Peter EI4HX _____ ei4hxperimental@...

_____
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups.com
Sent: Friday, December 17, 2010 9:01 PM
Subject: [FT897] AT897 and 6 meter

I just put up a 6 meter antenna and tried connecting to the rig through my AT-897 and got a high SWR reading on transmit. When I went directly to the rig without going through the AT-897, I got perfect 1:1 SWR reading and good power out reading. Does this mean that the AT-897 will not work with 6 meters? If so, will a antenna switch with the 6 meter beam going to one side and the tuner going to the other feeding to the rig on the input side work? Will the tuner tune through the switch?

Danny
KE5WDI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32084. Re: [FT897] AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-18 02:16:07 UTC
From: Rob Stampfli
Topic: 32080 Message: 32084

You are talking about an LDG AT-897 tuner, right? According to the manual I pulled off the internet, the AT-897 has a bypass mode (like the AT-897Plus): From page 9 of the manual:

"To place your AT-897 in bypass mode, press the Tune button on the front of the AT-897 tuner and quickly release before the red LED comes on (less than a half-second). The tuner will switch to bypass; RF from your FT-897 transceiver will go directly to the antenna with no matching. There are no LED indicators for the bypass mode."

This is similar to the AT-897Plus, except that it flashes 3 times to indicate the tuner is in bypass. I use this mechanism all the time on my "Plus".

As far as 6m tuning, my "Plus" tuner works quite reasonably on that band, provided you adhere to the stated 50W power limit while tuning into a >3:1 SWR load.

YMMV,
Rob / KD8WK

On Fri, Dec 17, 2010 at 03:27:31PM -0800, Danny Loyd wrote:
> Thanks for the answers. You both just confirmed what I was thinking. I just have
> to build
> another jumper to go to the tuner.
>
> Thanks,
>
> Danny
> KE5WDI
> _____
> From: P Grant <ei4hxperimental@...>
> To: FT897@yahoogroups.com
> Sent: Fri, December 17, 2010 4:10:36 PM
> Subject: Re: [FT897] AT897 and 6 meter
>
> ?
> Hello Danny,
>
> I note that you have good results on 6 M band working direct to the antennas,
> and want to use the tuner on another antenna, as you had done before starting on
> 6 Meters.
>
> Easy way is to use a patch lead from the radio direct to the antenna switch
> input, one outlet port going direct to the 6 Meter antenna, and the other outlet
> port [using another patch lead] from the switch going to the AT-897 tuner as

> before, and then out to your original antenna set up.
>
> That will allow, when you want to use 50 MHz you just switch over to the 50 MHz
> antenna, and forget about the tuner, as it is not in line when using 50 MHz on
> TX or RX.
>
> Regarding the AT-897, it will work as before on your original antenna,,, just
> change the position of the switch to the position you have "marked" for that
> cable going to the tuner, and adjust [tune] settings as before.
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> Look up your local [50MHz] repeaters for stations using 50 MHz and tune around
> for stations to work , if you have not worked on 6 Meters before, you will find
> out where the SSB, and other modes gather when DX is working,,, otherwise you
> could miss a good opening.
>
> If you have not already purchased an antenna switch, you can buy [the best you
> can afford] one with several outlets, to allow connecting several antenna
> systems in and out.
>
> Hope to work you on six
>
> 73 from Ireland Peter EI4HX _____ ei4hxperimental@...
>
> _____
> ----- Original Message -----
> From: Danny Loyd
> To: FT897@yahoogroups.com
> Sent: Friday, December 17, 2010 9:01 PM
> Subject: [FT897] AT897 and 6 meter
>
> I just put up a 6 meter antenna and tried connecting to the rig through my
> AT-897 and got a high SWR reading on transmit. When I went directly to the rig
> without going through the AT-897, I got perfect 1:1 SWR reading and good power
> out reading. Does this mean that the AT-897 will not work with 6 meters? If so,
> will a antenna switch with the 6 meter beam going to one side and the tuner
> going to the other feeding to the rig on the input side work? Will the tuner
> tune through the switch?
>
> Danny
> KE5WDI

32085. RE: [FT897] AT897 and 6 meter

Yahoo group: FT897 (2010)
Date: 2010-12-18 04:05:57 UTC
From: Ken Bandy
Topic: 32080 Message: 32085

With my AT-897 (non plus), even with the unit in "bypass" mode, I noticed a marked attenuation in signals on 6 meters. I had to physically wire around the unit for 6 meters to not be attenuated.

Ken, KJ9B

> -----Original Message-----
> From: Rob Stampfli [mailto:res@...]
> Sent: Friday, December 17, 2010 9:16 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] AT897 and 6 meter
>
> You are talking about an LDG AT-897 tuner, right? According to the
> manual I pulled off the internet, the AT-897 has a bypass mode (like
> the AT-897Plus): From page 9 of the manual:
>
> "To place your AT-897 in bypass mode, press the Tune button on the
> front of the AT-897 tuner and quickly release before the red LED
> comes on (less than a half-second). The tuner will switch to bypass;
> RF from your FT-897 transceiver will go directly to the antenna with
> no matching. There are no LED indicators for the bypass mode."
>
> This is similar to the AT-897Plus, except that it flashes 3 times to
> indicate the tuner is in bypass. I use this mechanism all the time
> on my "Plus".
>
> As far as 6m tuning, my "Plus" tuner works quite reasonably on that
> band, provided you adhere to the stated 50W power limit while tuning
> into a >3:1 SWR load.
>
> YMMV,
> Rob / KD8WK
>
>
> On Fri, Dec 17, 2010 at 03:27:31PM -0800, Danny Loyd wrote:
> > Thanks for the answers. You both just confirmed what I was thinking. I
> just have
> > to build
> > another jumper to go to the tuner.
> >
> > Thanks,
> >
> > Danny
> > KE5WDI
> > _____

> > From: P Grant <ei4hxperimental@...>
> > To: FT897@yahoogroups.com
> > Sent: Fri, December 17, 2010 4:10:36 PM
> > Subject: Re: [FT897] AT897 and 6 meter
> >
> >
> > Hello Danny,
> >
> > I note that you have good results on 6 M band working direct to the
> antennas,
> > and want to use the tuner on another antenna, as you had done before
> starting on
> > 6 Meters.
> >
> > Easy way is to use a patch lead from the radio direct to the antenna
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> > input, one outlet port going direct to the 6 Meter antenna, and the
> other outlet
> > port [using another patch lead] from the switch going to the AT-897
> tuner as
> > before, and then out to your original antenna set up.
> >
> > That will allow, when you want to use 50 MHz you just switch over to the
> 50 MHz
> > antenna, and forget about the tuner, as it is not in line when using 50
> MHz on
> > TX or RX.
> >
> > Regarding the AT-897, it will work as before on your original antenna,,,
> just
> > change the position of the switch to the position you have "marked" for
> that
> > cable going to the tuner, and adjust [tune] settings as before.
> >
> > Look up your local [50MHz] repeaters for stations using 50 MHz and tune
> around
> > for stations to work , if you have not worked on 6 Meters before, you
> will find
> > out where the SSB, and other modes gather when DX is working,,,
> otherwise you
> > could miss a good opening.
> >
> > If you have not already purchased an antenna switch, you can buy [the
> best you
> > can afford] one with several outlets, to allow connecting several
> antenna
> > systems in and out.
> >
> > Hope to work you on six
> >

> > 73 from Ireland Peter EI4HX _____ ei4hxperimental@...
> >
> > _____
> > ----- Original Message -----
> > From: Danny Loyd
> > To: FT897@yahoogroups.com
> > Sent: Friday, December 17, 2010 9:01 PM
> > Subject: [FT897] AT897 and 6 meter
> >
> > I just put up a 6 meter antenna and tried connecting to the rig through
> my
> > AT-897 and got a high SWR reading on transmit. When I went directly to
> the rig
> > without going through the AT-897, I got perfect 1:1 SWR reading and good
> power
> > out reading. Does this mean that the AT-897 will not work with 6 meters?
> If so,
> > will a antenna switch with the 6 meter beam going to one side and the
> tuner
> > going to the other feeding to the rig on the input side work? Will the
> tuner
> > tune through the switch?
> >
> > Danny
> > KE5WDI

32086. cat

Yahoo group: FT897 (2010)
Date: 2010-12-12 19:41:07 UTC
From: kf9wv@att.net
Topic: 20522 Message: 32086

trying to use HRD with my FT-897 and will not work either thru a com port or usb.Checked menus,no 20 will not come up,it skips from 14 to 22.why?...KF9WV

32087. Hello and Thanks

Yahoo group: FT897 (2010)
Date: 2010-12-13 18:45:02 UTC
From: bigguy0812
Topic: 32087 Message: 32087

I realize this may be off-topic. However, I just wanted to thank all of you for your hard work on this great group. I am relatively new to the hobby and have found this group to be a great asset to me as I am exploring and teaching myself RF and radio operations. I am in school part time and work full time, and I just do not have enough time for experimenting. This site has saved me precious time and also given me some interesting things to think about as I play with my 897.

Holiday 73s to you all.

Chris
K5CSD

32088. Icom hm-103 mic use on my 897

Yahoo group: FT897 (2010)
Date: 2010-12-14 12:04:21 UTC
From: bustedflat42
Topic: 32088 Message: 32088

I have a spare Icom HM-103 hand mic and would like to use it on my 897. I know the pinout is different and have tried and failed to find an adapter, anyone know where I can get one? The MH-31 mic that came with the radio does not seem to get the job done on ssb I get lousy audio reports and have tried using the EQ and adjusting the carrier offset, mic gain, switch on back of mic and processor several ways and still not good. My voice is not real bassy nor high pitched Maybe I just need to buy a good hand mic to match me up with the radio but cant afford a pile of money and dont like desk mics nor a boom with a Heil on it. I know the Icom mic is electret and the Yaesu mic is dynamic. Any ideas would be appreciated very much.
73 to all and Merry Christmas
Bob (:

32089. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-17 01:05:45 UTC
From: usaeasy77
Topic: 32074 Message: 32089

my ft897d also had a similar problem which would clear up when i sent the radio back to boot. it finally became a permanet problem and i have since sent it to HRO to get checked out. it would transmit SSB but only with a great amount of distortion, with the problem being greater on the lower bands. AM seemd to work OK. it could be a microphone connection or mike problem but i didn't have a spare to test. i got out my standby, the kenwood TS-520S. running fine after all these years, but a pain to adjust.

32090. X Band Repeat

Yahoo group: FT897 (2010)
Date: 2010-12-17 04:34:34 UTC
From: harleyham56
Topic: 32090 Message: 32090

Does this rig Cross Band Repeat? If whats the story?Dan

32091. Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

Yahoo group: FT897 (2010)
Date: 2010-12-14 05:29:38 UTC
From: Richard
Topic: 32091 Message: 32091

The FT 897D has a single CAT/Linear port. To use Ham Radio Deluxe you connect the cable to your computer serial port. Now to use a linear amp such as Ameritron 811 you need to use the ARB 704 which also needs to access the CAT/Linear port. Without having to switch plugs all the time, has anyone figured another way to make this connection?

The ARB info doesn't recommend hot swapping the plug.

Any info is appreciated.

Rick kb4mis

32092. Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-14 05:20:06 UTC
From: Richard
Topic: 31973 Message: 32092

Just got my ARB 704 to make up same configuration. According to instructions the jumper looks to be on JMP1 pins closest to R12 covered, and JMP2 pins closest to R15 are covered. The pamphlet doesn't mention the pin numbers. This is the default connection.

Do not put 12 volts to the ARB - the rig supplies power.
Only phono plug you need is ARB amp out to 811 relay port.

Hope this helps.

Rick kb4mis

32093. 60m UK FT-897

Yahoo group: FT897 (2010)
Date: 2010-12-14 08:04:23 UTC
From: Nigel Evans Call sign M0NDE
Topic: 32093 Message: 32093

Hi
I would like to try out 60m. I have a uk ft-896d. I know i will need an nov. Does anyone one know if the uk versions of the 897 are set up for 60m or is some modification required.

73 Nigel M0NDE

32094. FT-897 Dead - fixed

Yahoo group: FT897 (2010)
Date: 2010-12-17 05:50:40 UTC
From: Ryan
Topic: 32094 Message: 32094

Greetings to the group: I have a FT-897 that I was using one day and I suspect my supply was running high. After messing a bit with the radio, it stopped working - only a click. After many hours of looking here and poking around the circuit, I found the 8V regulator (Q14) on the main board reading 0.6V at the output. After replacing the regulator, the radio fires up. Now I need to put it all back together, but figured I'd share this with the group. 73's, Ryan, N7QJ

32095. Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-17 13:44:40 UTC
From: rseegp
Topic: 32095 Message: 32095

Hi Group,
I am newbie to this rig.

would like if someone could help in advicing me on the plug that goes into the 144/440 antenna socket.The hf socket as you will all know is the 259 but not the othet.Thanks for any help.
take care
Bob 2M0BSE

32096. RE: [FT897] Re: TX power

Yahoo group: FT897 (2010)
Date: 2010-12-13 07:03:45 UTC
From: Gerald Caparas
Topic: 32054 Message: 32096

Thanks for the info

73 gerald A65CB aka DV1AZ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Radio_Randy
Sent: Monday, December 13, 2010 9:36 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: TX power

Stop transmitting on your radio until you get your antenna tuned or checked.

The radio is saying "Hi SWR" for a reason. If you continue to use it as such, you may be in for a big repair bill.

73, Randy N7CKJ

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , Gerald Caparas <gerald.caparas@...> wrote:
>
> Hi I just bought an ft 897 and newbie to hf, i would like to know if the rig is transmitting or not because so many times i have hswr while tuning the antena. I don't have tuner yet. Does the rig swr meter is accurate? 73 gerald
>
> Sent from my iPhone
>
> On Dec 10, 2010, at 2:29, "Radio_Randy" <rjones@...> wrote:
>
> > I would start by doing a master reset of the radio, since I don't know if the AM power setting is via hardware or software.
> >
> > Other than that, there may be a pot within the radio that sets the AM power limit.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "lm3ri" <MITCHELLRI@> wrote:
> > >
> > > My 897 has very low, (5 watts) AM output on all bands. All other modes are fine. It has been this way for some time, but I am finally wanting to remedy the situation. Any suggestions?
> > >
> > > Leeds
> > > WA1GJF

> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

32097. Re: [FT897] cat

Yahoo group: FT897 (2010)
Date: 2010-12-18 07:01:46 UTC
From: Rob Stampfli
Topic: 20522 Message: 32097

On Sun, Dec 12, 2010 at 07:41:07PM -0000, kf9wv@... wrote:
> trying to use HRD with my FT-897 and will not work either thru a com port or usb.Checked menus,no 20 will not come up,it skips from 14 to 22.why?...KF9WV

Perhaps menu item 1 -- extended menu mode -- is set to not show the
extended menus?

Rob

32098. Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-18 07:04:41 UTC
From: jcglt - FK8IH
Topic: 32095 Message: 32098

On European FT897D this V/UHF plug is a N plug, far better than the HF one, with a continuity of impedance. You can either use a N plug or an adaptator N to 259 but never try to force a 259 into it.
FK8IH - jcglt

--- In FT897@yahoogroups.com, "rseegp" <rseegp@...> wrote:
>
> Hi Group,
> I am newbie to this rig.
>
> would like if someone could help in advicing me on the plug that goes into the 144/440 antenna socket.The hf socket as you will all know is the 259 but not the othet.Thanks for any help.
> take care
> Bob 2M0BSE
>

32099. Re: [FT897] Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

Yahoo group: FT897 (2010)
Date: 2010-12-18 07:42:31 UTC
From: Rob Stampfli
Topic: 32091 Message: 32099

On Tue, Dec 14, 2010 at 05:29:38AM -0000, Richard wrote:
> The FT 897D has a single CAT/Linear port. To use Ham Radio Deluxe you connect the cable to your computer serial port. Now to use a linear amp such as Ameritron 811 you need to use the ARB 704 which also needs to access the CAT/Linear port. Without having to switch plugs all the time, has anyone figured another way to make this connection?
>
> The ARB info doesn't recommend hot swapping the plug.
>
> Any info is appreciated.

If your FT-897D is recent, there is an undocumented internal jumper, J1027, located on the top board near the rear of the rig, roughly straight back from the tuning knob. It is used to select what the "ring" lead of the ACC receptacle is used for. By default, this lead is used by antenna tuners to cause the rig to go into transmit for tuning. It is used, for instance, by the LDG AT-897 tuner (but not the AT-897Plus). If you remove the top of your 897D and move the jumper to its alternate position, the amp keying indicator, brought out on the CAT cable, will be paralleled on the "ring" lead of the ACC receptacle. This modified pin-out really makes much more sense to me: If you then connect a 1/8"-stereo-plug-to-dual-RCA-jacks "Y" connector (commonly available for audio purposes) to the ACC receptable, the "tip" RCA connector becomes the ALC connection to the amp (if you choose to use it) and the "ring" RCA connector becomes the amp keying lead. You no longer need the CAT receptacle to control the linear. That's how I run my FT-897D and I'm very happy with it.

If you do this, just remember: if you ever use an AT-897 with the rig, or if you use the rig with certain Yaesu tunable mobile antennas, you'll have to reset the jumper in order the allow them to work.

Rob / KD8WK

32100. Re: [FT897] Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-18 07:56:10 UTC
From: Jerry Lefever
Topic: 32095 Message: 32100

Hi
The socket is an N Type. Plenty of info here:
http://en.wikipedia.org/wiki/N_connector

73
Jerry

On Fri, Dec 17, 2010 at 1:44 PM, rseegp <rseegp@...> wrote:

>
>
> Hi Group,
> I am newbie to this rig.
>
> would like if someone could help in advicing me on the plug that goes into
> the 144/440 antenna socket.The hf socket as you will all know is the 259 but
> not the othet.Thanks for any help.
> take care
> Bob 2M0BSE
>
>
>

[Non-text portions of this message have been removed]

32101. Re: [FT897] Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

Yahoo group: FT897 (2010)
Date: 2010-12-18 08:04:48 UTC
From: Bret McDanel
Topic: 32091 Message: 32101

On Tue, 2010-12-14 at 05:29 +0000, Richard wrote:
>
> The FT 897D has a single CAT/Linear port. To use Ham Radio Deluxe you
> connect the cable to your computer serial port. Now to use a linear
> amp such as Ameritron 811 you need to use the ARB 704 which also needs
> to access the CAT/Linear port. Without having to switch plugs all the
> time, has anyone figured another way to make this connection?
>
> The ARB info doesn't recommend hot swapping the plug.

There are CAT multiplexers available that will let you connect multiple
CAT devices to the radio. Additionally the mic jack can be used as a
cat port.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32102. Re: [FT897] cat

Yahoo group: FT897 (2010)
Date: 2010-12-18 08:50:12 UTC
From: Carl Wulfestieg
Topic: 20522 Message: 32102

KF9WV-
In Menu 1 (Extended Menu) select "ON". Don't feel bad, everyone misses that one, even me.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

32103. Re: [FT897] X Band Repeat

Yahoo group: FT897 (2010)
Date: 2010-12-18 08:57:49 UTC
From: Carl Wulfestieg
Topic: 32090 Message: 32103

Dan-
Nope, sorry, FT-897 does not "cross-band-repeat"-
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

32104. Re: [FT897] Icom hm-103 mic use on my 897

Yahoo group: FT897 (2010)
Date: 2010-12-18 09:06:29 UTC
From: Carl Wulfestieg
Topic: 32088 Message: 32104

Bob-
Have you considered CW mode only? Then it wouldn't matter- Sorry, I couldn't pass that one up-
Be sure that you are talking "across" the MH-31 rather than talking "directly into it"-
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

32105. RE: [FT897] cat

Yahoo group: FT897 (2010)
Date: 2010-12-18 09:26:24 UTC
From: Eric van de Weyer
Topic: 20522 Message: 32105

Make sure that menu 1 is set to on for the extended menu items.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kf9wv@...
Sent: Monday, 13 December 2010 06:41
To: FT897@yahoogroups.com
Subject: [FT897] cat

trying to use HRD with my FT-897 and will not work either thru a com port or usb.Checked menus,no 20 will not come up,it skips from 14 to 22.why?...KF9WV

Yahoo! Groups Links

32106. Re: [FT897] Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

Yahoo group: FT897 (2010)
Date: 2010-12-18 09:33:18 UTC
From: Carl Wulfestieg
Topic: 32091 Message: 32106

Rick-
In addition to the suggestions you've received, you might consider this.
Go to: http://www.w4rt.com Take a look at the "CAT-MATE" for use with the FT-897(D)-
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

32107. Re: [FT897] 60m UK FT-897

Yahoo group: FT897 (2010)
Date: 2010-12-18 10:19:46 UTC
From: Joe
Topic: 32093 Message: 32107

Dunno about the Euro version of the radio...here in the States, if it is the 'FT-897D' model, 60m is programmed into the radio already.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Nigel Evans Call sign M0NDE" <nigel.m0nde@...>
Subject: [FT897] 60m UK FT-897

> Hi
> I would like to try out 60m. I have a uk ft-896d. I know i will need an
> nov. Does anyone one know if the uk versions of the 897 are set up for 60m
> or is some modification required.

32108. Re: [FT897] 60m UK FT-897

Yahoo group: FT897 (2010)
Date: 2010-12-18 09:06:32 UTC
From: Sid Smith
Topic: 32093 Message: 32108

Hi Nigel

It Needs a Mod Best Done at dealers I have just got one and had it done at Martin Lynch And Sons
Hope that's of help

73 Sid MOSRS

----- Original Message -----
From: Nigel Evans Call sign M0NDE
To: FT897@yahoogroups.com
Sent: Tuesday, December 14, 2010 8:04 AM
Subject: [FT897] 60m UK FT-897

Hi
I would like to try out 60m. I have a uk ft-896d. I know i will need an nov. Does anyone one know if the uk versions of the 897 are set up for 60m or is some modification required.

73 Nigel M0NDE

[Non-text portions of this message have been removed]

32109. Re: FT-897 Dead - fixed

Yahoo group: FT897 (2010)
Date: 2010-12-18 19:08:33 UTC
From: Clark
Topic: 32094 Message: 32109

Hey, thanks for putting that out, Ryan. That's exactly the sort of thing I may need to know someday!

Clark
WA3JPG

32110. RE: [FT897] Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

Yahoo group: FT897 (2010)
Date: 2010-12-18 19:37:10 UTC
From: Robert Tuck
Topic: 32091 Message: 32110

The microphone jack can be configured as a combo mic/cat jack. You will lose the up/down functions (I believe). I use an Ameritron on my FT897D with the rear port set to LINEAR and I use an RJ45 adapter to connect both my mike and USB CAT interface. The front jack is set to CAT. The Yaesu desk mike has a RJ45 jack on it that mirrors the radios. It can be used as the CAT connection.

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard
Sent: Tuesday, December 14, 2010 00:30
To: FT897@yahoogroups.com
Subject: [FT897] Connecting FT-897D to both serial port for Ham Radio Deluxe and ARB 704?

The FT 897D has a single CAT/Linear port. To use Ham Radio Deluxe you connect the cable to your computer serial port. Now to use a linear amp such as Ameritron 811 you need to use the ARB 704 which also needs to access the CAT/Linear port. Without having to switch plugs all the time, has anyone figured another way to make this connection?

The ARB info doesn't recommend hot swapping the plug.

Any info is appreciated.

Rick kb4mis

[Non-text portions of this message have been removed]

32111. Re: FT-897 Dead - fixed

Yahoo group: FT897 (2010)
Date: 2010-12-18 20:37:33 UTC
From: Radio_Randy
Topic: 32094 Message: 32111

What was the specific info about your power supply issue? Was there a regulator problem, was it a certain brand, etc?

That information might prevent another member from suffering the same fate. Thanks.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Ryan" <tweeker42000@...> wrote:
>
> Greetings to the group: I have a FT-897 that I was using one day and I suspect my supply was running high. After messing a bit with the radio, it stopped working - only a click. After many hours of looking here and poking around the circuit, I found the 8V regulator (Q14) on the main board reading 0.6V at the output. After replacing the regulator, the radio fires up. Now I need to put it all back together, but figured I'd share this with the group. 73's, Ryan, N7QJ
>

32112. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-18 21:09:00 UTC
From: Radio_Randy
Topic: 32074 Message: 32112

Burton,

Unfortunately, I have no technical expertise with this radio. My filter relay "guess" was truly just a guess. After consulting the schematic, I see that it was likely wrong in the first place. Some of the bands that are working use the same filters as those that aren't.

If it were me, I would begin troubleshooting by looking for RF output at the lowest level stages on the bad bands (output of the SSB filters, etc.) and go toward the antenna from there. Since the problem only effects certain bands, it's likely that the problem is with your digital control circuits and not RF related. If you were having problems with losing output on certain frequencies within the same band, I would look at the VFO output. However, I doubt this is the case.

Sorry I couldn't be more help.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@...> wrote:
>
> Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.
>
> I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?
>
> Thanks a bunch for answering my inquiry.
>
> Burton
>
>
> >
> > Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
> >
> >
> > 73's
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Radio_Randy
> > To: FT897@yahoogroups.com
> > Sent: Thursday, December 16, 2010 9:02 PM

> > Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
> >
> >
> >
> > Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
> >
> > Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > >
> > > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> > >
> > > Burton - wb6cyk
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

32113. Re: [FT897] Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 02:06:12 UTC
From: John Faughn
Topic: 31973 Message: 32113

Rick ,
I'm not sure myself , all 3 have me confused , the Yaesu manual , the 704 manual and you post seems off .
The way I have it figured is the both jumpers are towards the center with the open connectors on the outsides .
You mention the only phono plug you need is ABR to amp .
The way I read it is the only way the amp gets the transmitted signal , is with the phone plug from the radio to the ABR radio connection , then out of the ABR amp connection to amp .
Also you mention not to use 12 volts to power the ABR , the manual mentions this if you using the plug & play cables , you state seems to assume this .
Just looking for clarification for myself & others reading .
I am not sure about the jumpers , but I'm pretty sure about the amp cables .
I do not have the plug & play cables yet , the web site does not show the 897D on the list .
Even if I had everything hooked up correctly , it would work because my radio is not working correctly , it is only putting out about 2 watts , may have blown the finials or it came to me that way , have made lots of contacts , but its all QRP , not enough to drive the amps .

On Mon, Dec 13, 2010 at 11:20 PM, Richard <rebunton@...> wrote:

>
>
> Just got my ARB 704 to make up same configuration. According to
> instructions the jumper looks to be on JMP1 pins closest to R12 covered, and
> JMP2 pins closest to R15 are covered. The pamphlet doesn't mention the pin
> numbers. This is the default connection.
>
> Do not put 12 volts to the ARB - the rig supplies power.
> Only phono plug you need is ARB amp out to 811 relay port.
>
> Hope this helps.
>
> Rick kb4mis
>
>
>

[Non-text portions of this message have been removed]

32114. Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 02:52:43 UTC
From: Richard
Topic: 31973 Message: 32114

I didn't change the jumpers as they came factory set for most newer HF rigs.

Connected the plug n play cable to the arb and radio and phono plug labeled amp on arb to relay phono jack on 811 and that was it.

I followed all the tune up procedures. I know what settings my tuner needs to be set to for lowest swr. Tweaked both tuner and plate n load and got full power.

Hope this helps.

Rick kb4mis

32115. Re: [FT897] Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 03:00:46 UTC
From: John Faughn
Topic: 31973 Message: 32115

Rick ,
What part number do you have for the Yaesu FT-897D plug & play cable , the Ameritron site does not list the 897 ?
John
kd0cac

On Sat, Dec 18, 2010 at 8:52 PM, Richard <rebunton@...> wrote:

>
>
> I didn't change the jumpers as they came factory set for most newer HF
> rigs.
>
> Connected the plug n play cable to the arb and radio and phono plug labeled
> amp on arb to relay phono jack on 811 and that was it.
>
> I followed all the tune up procedures. I know what settings my tuner needs
> to be set to for lowest swr. Tweaked both tuner and plate n load and got
> full power.
>
>
> Hope this helps.
>
> Rick kb4mis
>
>
>

[Non-text portions of this message have been removed]

32116. Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 03:55:26 UTC
From: Richard
Topic: 31973 Message: 32116

PNP-8M cable works with the 897D

Rick

32117. Re: [FT897] Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-19 05:33:06 UTC
From: Kate Ebneter
Topic: 32095 Message: 32117

Is there any reason not to replace the one on the US units with an N jack? I've been thinking about doing that on mine.

Kate Ebneter
AF6ZN

On Dec 17, 2010, at 11:04 PM, jcglt - FK8IH wrote:

> On European FT897D this V/UHF plug is a N plug, far better than the
> HF one, with a continuity of impedance. You can either use a N plug
> or an adaptator N to 259 but never try to force a 259 into it.
> FK8IH - jcglt
>
> --- In FT897@yahoogroups.com, "rseegp" <rseegp@...> wrote:
> >
> > Hi Group,
> > I am newbie to this rig.
> >
> > would like if someone could help in advicing me on the plug that
> goes into the 144/440 antenna socket.The hf socket as you will all
> know is the 259 but not the othet.Thanks for any help.
> > take care
> > Bob 2M0BSE
> >
>
>
>

[Non-text portions of this message have been removed]

32118. Re: [FT897] Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-19 05:52:17 UTC
From: DALE
Topic: 32095 Message: 32118

Leave every thing as is. you won't gain anything.
Most will screw things up anyway and make things worse.
You are trying to fix something that is not broke.
Dale

----- Original Message -----
From: "Kate Ebneter" <ebneter@...>
To: FT897@yahoogroups.com
Sent: Saturday, December 18, 2010 9:33:06 PM
Subject: Re: [FT897] Re: Which Antenna plug

Is there any reason not to replace the one on the US units with an N
jack? I've been thinking about doing that on mine.

Kate Ebneter
AF6ZN

32119. Re: [FT897] Re: FT-897 Dead - fixed

Yahoo group: FT897 (2010)
Date: 2010-12-19 06:27:36 UTC
From: Ryan Scott
Topic: 32094 Message: 32119

So the specifics on this was I had it running off a bad deep cycle battery that would not take a charge - and I had the raw DC unfiltered charger connected to the battery. The regulator was a simple 7808 3 terminal regulator, but to find it, I had to jumper the main power relay on. Spent about 8 hours overall, but it has ran for 2 days straight and works on every band into a dummy load.

I won't run it on a battery with a charger attached again.

Regards,

Ryan

--- On Sat, 12/18/10, Radio_Randy <rjones@...> wrote:

From: Radio_Randy <rjones@...>
Subject: [FT897] Re: FT-897 Dead - fixed
To: FT897@yahoogroups.com
Date: Saturday, December 18, 2010, 12:37 PM

What was the specific info about your power supply issue? Was there a regulator problem, was it a certain brand, etc?

That information might prevent another member from suffering the same fate. Thanks.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Ryan" <tweeker42000@...> wrote:
>
> Greetings to the group: I have a FT-897 that I was using one day and I suspect my supply was running high. After messing a bit with the radio, it stopped working - only a click. After many hours of looking here and poking around the circuit, I found the 8V regulator (Q14) on the main board reading 0.6V at the output. After replacing the regulator, the radio fires up. Now I need to put it all back together, but figured I'd share this with the group. 73's, Ryan, N7QJ
>

[Non-text portions of this message have been removed]

32120. Re: [FT897] Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-19 06:38:04 UTC
From: Patrick
Topic: 32095 Message: 32120

I plan to do the same! Patrick KI8UM

On Sun, Dec 19, 2010 at 12:33 AM, Kate Ebneter <ebneter@...>wrote:

> Is there any reason not to replace the one on the US units with an N
> jack? I've been thinking about doing that on mine.
>
> Kate Ebneter
> AF6ZN
>
> On Dec 17, 2010, at 11:04 PM, jcglt - FK8IH wrote:
>
> > On European FT897D this V/UHF plug is a N plug, far better than the
> > HF one, with a continuity of impedance. You can either use a N plug
> > or an adaptator N to 259 but never try to force a 259 into it.
> > FK8IH - jcglt
> >
> > --- In FT897@yahoogroups.com, "rseegp" <rseegp@...> wrote:
> > >
> > > Hi Group,
> > > I am newbie to this rig.
> > >
> > > would like if someone could help in advicing me on the plug that
> > goes into the 144/440 antenna socket.The hf socket as you will all
> > know is the 259 but not the othet.Thanks for any help.
> > > take care
> > > Bob 2M0BSE
> > >
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

32121. Re: [FT897] Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-19 10:32:13 UTC
From: Geoff Blake
Topic: 32095 Message: 32121

Well, I would dispute the implication that the SO239 "is not broke". I believe that a friend's description of a PL259 as a "shrouded banana plug" is most appropriate.

There is no real technical reason to replace the existing connector with an "N type", you are only moving the discontinuity a few mm further into the radio. However, there is a good logical reason and that is to prevent accidental cross connections (HF/VHF).

Incidentally, do I have the only European FT897D with two SO239's.

Geoff, G8GNZ

On 19 December 2010 05:52, DALE <wa7ixk@...> wrote:

> Leave every thing as is. you won't gain anything.
> Most will screw things up anyway and make things worse.
> You are trying to fix something that is not broke.
> Dale
>
> ----- Original Message -----
> From: "Kate Ebneter" <ebneter@...>
> To: FT897@yahoogroups.com
> Sent: Saturday, December 18, 2010 9:33:06 PM
> Subject: Re: [FT897] Re: Which Antenna plug
>
> Is there any reason not to replace the one on the US units with an N
> jack? I've been thinking about doing that on mine.
>
> Kate Ebneter
> AF6ZN
>
>
>
>
<#> <#>
<#> <#>

[Non-text portions of this message have been removed]

32122. Re: 60m UK FT-897

Yahoo group: FT897 (2010)
Date: 2010-12-19 13:54:28 UTC
From: Peter Robinson
Topic: 32093 Message: 32122

If it is an 897D, then a hardware mod is necessary.

Email me off list and I will send you full details. Most lists don't allow attachments. I did my own mod.

73 de Peter GØFIM / AA3JN

The beatings will continue until morale improves.

[Non-text portions of this message have been removed]

32123. Re: [FT897] Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 14:41:36 UTC
From: John Faughn
Topic: 31973 Message: 32123

Thanks Rick
John
kd0cac
73

On Sat, Dec 18, 2010 at 9:55 PM, Richard <rebunton@...> wrote:

>
>
> PNP-8M cable works with the 897D
>
> Rick
>
>
>

[Non-text portions of this message have been removed]

32124. Fldig -frequency scale reversed ?

Yahoo group: FT897 (2010)
Date: 2010-12-20 00:46:36 UTC
From: graham787
Topic: 32124 Message: 32124

FT-897 frequency scale reversed ?

Don't see it , must be a box to tick ?

CAT all works fine , but when the frequency display over the waterfall is showing the -rf carrier- frequency , then the scale is
reversed , with frequency decreasing as position moves to the > right > 9-8-7-6-5-4- etc

If Rig is running is USB .. scale read ok . 1-2-3-4-5- etc

Change to DIG user U or psk U , then set is still on the same frequency , but the frequency display in reversed . ?

(checked with DM780 and the frequency matches the set , as audio f increases rf increases)

Any ideas ?

32125. Re: Connection FT 897D, ARB 704 and AL 811H

Yahoo group: FT897 (2010)
Date: 2010-12-19 04:03:22 UTC
From: Gene Deck
Topic: 31973 Message: 32125

If you look in the MFJ 2011 Catalog it also list the PNP-8M cable as working with the FT-897D.

Gene

W0PYZ

[Non-text portions of this message have been removed]

32126. ft-897

Yahoo group: FT897 (2010)
Date: 2010-12-19 03:59:22 UTC
From: kc8lum
Topic: 19302 Message: 32126

after replacing one of the three transsisters it fired up and worked now when i transmit the cooling fan comes on while iam transnitting and runs for a few seconds after transmit this radio never done this before can somebody help me with this thanks mike

32127. Re: [FT897] ft-897

Yahoo group: FT897 (2010)
Date: 2010-12-20 07:35:03 UTC
From: Rob Stampfli
Topic: 19302 Message: 32127

On Sun, Dec 19, 2010 at 03:59:22AM -0000, kc8lum wrote:
> after replacing one of the three transsisters it fired up and worked now when i transmit the cooling fan comes on while iam transnitting and runs for a few seconds after transmit this radio never done this before can somebody help me with this thanks mike

It appears to be working as it should now. What additional help do you
want?

Rob / KD8WK

32128. Re: [FT897] ft-897

Yahoo group: FT897 (2010)
Date: 2010-12-20 08:33:29 UTC
From: Patrick
Topic: 19302 Message: 32128

No, that's normal! Running like it's supposed to. KI8UM

On Sat, Dec 18, 2010 at 10:59 PM, kc8lum <kc8lum@...> wrote:

>
>
> after replacing one of the three transsisters it fired up and worked now
> when i transmit the cooling fan comes on while iam transnitting and runs for
> a few seconds after transmit this radio never done this before can somebody
> help me with this thanks mike
>
>
>

[Non-text portions of this message have been removed]

32129. Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-20 16:24:05 UTC
From: Steve Yates
Topic: 32095 Message: 32129

Although the N connector tries to maintain a 50 Ohm impedance while the SO-239 does not, the biggest impedance bump is the connection from the circuit board to the connector. No attempt at maintaining 50 Ohms is made here. Therefore, at 70 cm and longer I see no technical justification for swapping to an N connector at this point since its improved impedance characteristics will be nullified by the internal connection to it.

Now if all of your VHF/UHF cables are already fitted with N connectors then that's another story.

73,
Steve - AA5TB

32130. FT 897 or FT897D

Yahoo group: FT897 (2010)
Date: 2010-12-20 23:53:33 UTC
From: Charles
Topic: 32130 Message: 32130

I have had a FT-897 for several years and was under the impression it was a non-D.
However, for the first time, I had to do a master reset (home + power on) and stepping thru the bands found a band at 5.250; default is CW mode.
What is this?
Tnx es 73,
Chuck KA6UUP

32131. Re: [FT897] FT 897 or FT897D

Yahoo group: FT897 (2010)
Date: 2010-12-21 00:00:22 UTC
From: Bret McDanel
Topic: 32130 Message: 32131

On Mon, 2010-12-20 at 23:53 +0000, Charles wrote:
>
> I have had a FT-897 for several years and was under the impression it
> was a non-D.
> However, for the first time, I had to do a master reset (home + power
> on) and stepping thru the bands found a band at 5.250; default is CW
> mode.
> What is this?

60 meter? It is not one of the 5 US frequencies for 60m, but it is that
band.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32132. Memory Channel Problem

Yahoo group: FT897 (2010)
Date: 2010-12-21 04:15:44 UTC
From: Charles
Topic: 32132 Message: 32132

As a result of my having to do a reset (Home + power up)
I am going to have to re-set up my memory channels.
When I press the V/M key, Ma01 is shown on the display, but
I cannot dial through the memory locations using the Mem/VFO Ch knob.
When I press the Mem/VFO CH knob I get the flashing Ma but cannot dial through the locations.
This is also true if I activate the Memory Groups.
What am I missing here?
Tnx es 73,
Chuck KA6UUP

32133. Re: [FT897] FT 897 or FT897D

Yahoo group: FT897 (2010)
Date: 2010-12-21 04:43:02 UTC
From: Rob Stampfli
Topic: 32130 Message: 32133

On Mon, Dec 20, 2010 at 11:53:33PM -0000, Charles wrote:
> I have had a FT-897 for several years and was under the impression it was a non-D.
> However, for the first time, I had to do a master reset (home + power on) and stepping thru the bands found a band at 5.250; default is CW mode.
> What is this?

Yaesu played sort of loosey-goosey with the design of the way "non-ham" bands are displayed on the 897. It's like they allocated a couple extra floating bands for the UP/DWN band switch sequence so that if you tune outside the ham bands -- say to listen to a broadcast station -- and then jump to another band, the previous frequency will be retained in the sequence as you scan through the bands again later. However, only a few extra floating bands are allocated, so when the rig preserves some frequency in this manner, it does so by purging a previously recorded frequency on some other band. To me, it involves some rather confusing human factors, although some engineers at Yaesu must have liked it.

In any event, even the 897D had no 60-meter ham "band". Instead, it had the 5 legal channelized frequencies encoded from the factory in certain memory locations. If you've just reset your rig, hit the V/M switch and give the MEM/VFO knob a spin. If you have the D model, you should see a few pre-initialized channels, like 5.332.00 and 5.348.00, pre-stored in memory channels M-601 thru M-605. That's the way the 60 meter band may be accessed from the 897D.

Hope this helps,
Rob / KD8WK

32134. Re: [FT897] Memory Channel Problem

Yahoo group: FT897 (2010)
Date: 2010-12-21 04:49:24 UTC
From: Carl Wulfestieg
Topic: 32132 Message: 32134

Chuck-
When you rotate the "MEM/VFO CH" knob, it goes from one channel (that has info stored in it) to the next one and so on- If nothing is stored, it has no-where to go- I have a few questions-
1- Just out of curiosity, why did you have to do a full re-set? I've had my FT-897 for 7 years and have never had to do a re-set of any kind. Maybe I'm lucky?
2- Are you going to be programming into memory channels repeater info and simplex frequencies?
3- Do you use a computer to program or do you do it manually?
4- If manually, would you like me to send you my list of "programming steps" that is kind of foolproof?
5- Do you have or have you considered buying the external "LDG Meter"? It's really helpful- go to: http://www.w4rt.com
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

32135. What SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-12-21 09:08:16 UTC
From: Ian
Topic: 32135 Message: 32135

Hello,

I'm looking to buy the following SWR meter for use with my FT897D: Nissei RX-503. I'm going for it because it covers the whole range of frequencies that the 897 uses. Does anyone have one of these? Is it any good? Are there better items for around the same price (70 UK Pounds)?

Ian

2E0ZQR

32136. Re: What SWR meter?

Yahoo group: FT897 (2010)
Date: 2010-12-21 12:37:44 UTC
From: g8ubj
Topic: 32135 Message: 32136

I have one, but only use it on 6M to monitor power.
Its reasonably accurate and good value for money.
The meter has SO239 sockets which can't be replaced so if you prefer N-types you can't upgrade. The PEP meter doesn't read true PEP more like a moving average.

If you wan't a better meter have a look at the Daiwa CN 801S SWR/Power Meter. For true PEP reading the PALSTAR PM2000A Watt Meter is a better buy but only covers up to 60 Mhz

If you have the cash buy both and leve on on the HF output and the other on your VHF UHF?

--- In FT897@yahoogroups.com, "Ian" <ian.munro@...> wrote:
>
> Hello,
>
> I'm looking to buy the following SWR meter for use with my FT897D: Nissei RX-503. I'm going for it because it covers the whole range of frequencies that the 897 uses. Does anyone have one of these? Is it any good? Are there better items for around the same price (70 UK Pounds)?
>
> Ian
>
> 2E0ZQR
>

32137. Re: [FT897] Re: Which Antenna plug

Yahoo group: FT897 (2010)
Date: 2010-12-21 12:35:59 UTC
From: Damien Gardner Jnr
Topic: 32095 Message: 32137

On 21/12/2010, at 3:24 AM, Steve Yates wrote:

> Now if all of your VHF/UHF cables are already fitted with N connectors then that's another story.

I know mine are :-) Thankfully both my 857 and 897 use N connectors for UHF. Though my kenwood D710 for some reason uses a SO239! First radio UHF/VHF radio I've seen here in .au with one! Bloomin annoying, since I didn't look before I mounted it up and cabled it in the car, so there's now an N->PL259 adapter in the line.. Gotta get around to phoning the dealer and seeing what it'd cost to get the SO239 swapped to an N socket sometime (to keep the warranty valid :-p)... (handily enough, though I live ~100km from the dealer, their *service* bloke lives a suburb away :)

32138. Re: FT 897 or FT897D

Yahoo group: FT897 (2010)
Date: 2010-12-21 19:22:26 UTC
From: Radio_Randy
Topic: 32130 Message: 32138

To confirm what Rob stated in a previous reply, try transmitting on that 5.250 frequency. If it is indeed a "receive only" band, you won't be allowed to transmit.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Charles" <ka6uup@...> wrote:
>
> I have had a FT-897 for several years and was under the impression it was a non-D.
> However, for the first time, I had to do a master reset (home + power on) and stepping thru the bands found a band at 5.250; default is CW mode.
> What is this?
> Tnx es 73,
> Chuck KA6UUP
>

32139. Re: Memory Channel Problem

Yahoo group: FT897 (2010)
Date: 2010-12-21 19:51:19 UTC
From: Charles
Topic: 32132 Message: 32139

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Chuck-
> When you rotate the "MEM/VFO CH" knob, it goes from one channel (that has info stored in it) to the next one and so on- If nothing is stored, it has no-where to go-

Is this true when Memory Groups are activated?

I have a few questions-
> 1- Just out of curiosity, why did you have to do a full re-set? I've had my FT-897 for 7 years and have never had to do a re-set of any kind. Maybe I'm lucky?

The A,B & C Buttons locked up (and other anomalies) and nothing I could do would return them to operation.
After rereading the manual I did a reset.

> 2- Are you going to be programming into memory channels repeater info and simplex frequencies?

Yes

> 3- Do you use a computer to program or do you do it manually?

No. However, I plan to get software to take care of this.
Do you have recommendations?

> 4- If manually, would you like me to send you my list of "programming steps" that is kind of foolproof?

Yes. And thank you.

> 5- Do you have or have you considered buying the external "LDG Meter"? It's really helpful

That too is on my to-do list.

> go to: http://www.w4rt.com
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
Tnx es 73,
Chuck KA6UUP

32140. Re: Fldig -frequency scale reversed ?

Yahoo group: FT897 (2010)
Date: 2010-12-22 01:47:50 UTC
From: tomglaab
Topic: 32124 Message: 32140

> If Rig is running is USB .. scale read ok . 1-2-3-4-5- etc
>
> Change to DIG user U or psk U , then set is still on the same frequency , but the frequency display in reversed . ?

What rig.xml file are you using for FLDIGI? I found the stock FT-857 file includes the PKT mode in the section for 'reverse' frequency such as LSB. I removed PKT and saved the file as FT897.xml file for FT897, and everything's been happy.

If you're not using rigcat you should look for a similar config file issue for the CAT mode you're using.

tg.
AJ4UQ

32141. FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-20 18:53:38 UTC
From: BARRIE
Topic: 32141 Message: 32141

Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.

32143. 897D PSK31 Narrow Filter Center Frequency

Yahoo group: FT897 (2010)
Date: 2010-12-20 19:44:42 UTC
From: joncrockrell
Topic: 32143 Message: 32143

I now own the 857D and am wanting to purchase the 897D. I often operate PSK31 with the 857D in USB mode instead of the Digital/PSK31 setting because I like the way it centers the narrow 300Hz filter in the middle of the waterfall at 1500Hz.

I use the rear data port and a Signalink USB.

My question: Does the 897D also center the narrow 300Hz filter at 1500 while in USB mode like the 857D? Also, does it allow you to use the data port while in USB mode like the 857D?

Thanks, this is my first post and hopefully not a double post; I forgot to sign my first one with my callsign and I never saw it here.

Thanks Again!

Jon
WD0MYM
73

32144. Re: [FT897] FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-22 07:07:18 UTC
From: Patrick
Topic: 32141 Message: 32144

First off, are you running the LDG AT-897? If so, you will need to set the baud rate to 4800. Or email me off list, and I will have you call me or vise-versa, and I can walk you through it over the lanline.

Patrick

On Mon, Dec 20, 2010 at 1:53 PM, BARRIE <G4YJSBARRIE@...> wrote:

>
>
> Please could anyone go thru the steps for getting HRD AND FT897 to work
> together please?.I have followed the stahndard procedure but I keep getting
> cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>
>
>

[Non-text portions of this message have been removed]

32145. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-22 13:46:11 UTC
From: willgord
Topic: 32141 Message: 32145

If anyone has the answer to that one, please pass it on to me. I am running DM780 but cannot get HRD to synch with my 897D. Keeps on returning "0" for the frequency. Since DM780 clearly knows what frequency I am on, no idea why it doesn't share that with HRD.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@...> wrote:
>
> Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>

32146. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-22 14:01:34 UTC
From: Burton
Topic: 32074 Message: 32146

Randy, we are going to look at the path of the RF today or tomorrow. There is a relationship between the bands that are not working, they are multiples of five. Is there a processor that generates the basic carrier frequency on these bands? I also plan to email Yaesu today.

Burton -wb6cyk

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Burton,
>
> Unfortunately, I have no technical expertise with this radio. My filter relay "guess" was truly just a guess. After consulting the schematic, I see that it was likely wrong in the first place. Some of the bands that are working use the same filters as those that aren't.
>
> If it were me, I would begin troubleshooting by looking for RF output at the lowest level stages on the bad bands (output of the SSB filters, etc.) and go toward the antenna from there. Since the problem only effects certain bands, it's likely that the problem is with your digital control circuits and not RF related. If you were having problems with losing output on certain frequencies within the same band, I would look at the VFO output. However, I doubt this is the case.
>
> Sorry I couldn't be more help.
>
> 73, Randy N7CKJ
>
> --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> >
> > Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.
> >
> > I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?
> >
> > Thanks a bunch for answering my inquiry.
> >
> > Burton
> >
> >
> > >
> > > Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
> > >

> > >
> > > 73's
> > >
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: Radio_Randy
> > > To: FT897@yahoogroups.com
> > > Sent: Thursday, December 16, 2010 9:02 PM
> > > Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
> > >
> > >
> > >
> > > Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
> > >
> > > Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
> > >
> > > 73, Randy N7CKJ
> > >
> > > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > > >
> > > > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> > > >
> > > > Burton - wb6cyk
> > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

32147. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-22 16:33:31 UTC
From: shylow101
Topic: 32074 Message: 32147

If you have a logic probe, have a look at IC-Q3013 it's a 4094. 8 bit shift register. looks like the common connection.

--- In FT897@yahoogroups.com, "Burton" <wb6cyk@...> wrote:
>
> Randy, we are going to look at the path of the RF today or tomorrow. There is a relationship between the bands that are not working, they are multiples of five. Is there a processor that generates the basic carrier frequency on these bands? I also plan to email Yaesu today.
>
> Burton -wb6cyk
>
> --- In FT897@yahoogroups.com, "Radio_Randy" <rjones@> wrote:
> >
> > Burton,
> >
> > Unfortunately, I have no technical expertise with this radio. My filter relay "guess" was truly just a guess. After consulting the schematic, I see that it was likely wrong in the first place. Some of the bands that are working use the same filters as those that aren't.
> >
> > If it were me, I would begin troubleshooting by looking for RF output at the lowest level stages on the bad bands (output of the SSB filters, etc.) and go toward the antenna from there. Since the problem only effects certain bands, it's likely that the problem is with your digital control circuits and not RF related. If you were having problems with losing output on certain frequencies within the same band, I would look at the VFO output. However, I doubt this is the case.
> >
> > Sorry I couldn't be more help.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > >
> > > Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.
> > >
> > > I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?
> > >
> > > Thanks a bunch for answering my inquiry.
> > >
> > > Burton

> > >
> > >
> > > >
> > > > Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
> > > >
> > > >
> > > > 73's
> > > >
> > > >
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: Radio_Randy
> > > > To: FT897@yahoogroups.com
> > > > Sent: Thursday, December 16, 2010 9:02 PM
> > > > Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
> > > >
> > > >
> > > >
> > > > Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
> > > >
> > > > Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
> > > >
> > > > 73, Randy N7CKJ
> > > >
> > > > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > > > >
> > > > > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> > > > >
> > > > > Burton - wb6cyk
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
>

32148. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-22 16:49:38 UTC
From: shylow101
Topic: 32074 Message: 32148

Here is another thought, I do not know what tests you done already, but for what it's worth there have been PA board interconnect issues with some 897's it might be worth your time to pull and reconnect the PA board as a just in case test. The 24 pin connector J3002 caries the data stream for IC'S Q3005, Q3013. 4094 shift registers.

--- In FT897@yahoogroups.com, "Burton" <wb6cyk@...> wrote:
>
> Randy, we are going to look at the path of the RF today or tomorrow. There is a relationship between the bands that are not working, they are multiples of five. Is there a processor that generates the basic carrier frequency on these bands? I also plan to email Yaesu today.
>
> Burton -wb6cyk
>
> --- In FT897@yahoogroups.com, "Radio_Randy" <rjones@> wrote:
> >
> > Burton,
> >
> > Unfortunately, I have no technical expertise with this radio. My filter relay "guess" was truly just a guess. After consulting the schematic, I see that it was likely wrong in the first place. Some of the bands that are working use the same filters as those that aren't.
> >
> > If it were me, I would begin troubleshooting by looking for RF output at the lowest level stages on the bad bands (output of the SSB filters, etc.) and go toward the antenna from there. Since the problem only effects certain bands, it's likely that the problem is with your digital control circuits and not RF related. If you were having problems with losing output on certain frequencies within the same band, I would look at the VFO output. However, I doubt this is the case.
> >
> > Sorry I couldn't be more help.
> >
> > 73, Randy N7CKJ
> >
> > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > >
> > > Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.
> > >
> > > I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?
> > >
> > > Thanks a bunch for answering my inquiry.

> > >
> > > Burton
> > >
> > >
> > > >
> > > > Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
> > > >
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> > > >
> > > >
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: Radio_Randy
> > > > To: FT897@yahoogroups.com
> > > > Sent: Thursday, December 16, 2010 9:02 PM
> > > > Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
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> > > >
> > > >
> > > > Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
> > > >
> > > > Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
> > > >
> > > > 73, Randy N7CKJ
> > > >
> > > > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > > > >
> > > > > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> > > > >
> > > > > Burton - wb6cyk
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >

> >
>

32149. RE: [FT897] Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-22 20:06:09 UTC
From: Robert Tuck
Topic: 32141 Message: 32149

What have you done so far?

What interfaces and cables are you using?

Is HRD set for the 897?

Are you using the correct port on the 897?

Are your settings on the 897 correct? (CAT Control)

What version of Windows are you using?

USB or serial?

I am using HRD/DM780 with my FT897D without any problems. I am using the USB Yaesu CAT/program interface through the microphone port (the rear port is set up for my linear amp.). I use a SignaLink USB for the sound. These USB devices plug into a POWERED USB hub (to reduce the drain on my laptop running Vista) and then the hub is connected to my computer. The hardware was plug and play. I set the front mic port to CAT. That way it operates as a CAT port and a mic port. I do lose the mic up/down functions. The Signalink is plugged into the aux port. The rear CAT port is set to LINEAR for my amplifier. In HRD/DM780, I selected the FT897 and everything worked.

I usually start HRD first and then launch FT780. I believe that there is an option in HRD to sync with DM780. I could email you my config files for HRD and/or DM780

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Wednesday, December 22, 2010 08:46
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT897 AND HRD

If anyone has the answer to that one, please pass it on to me. I am running DM780 but cannot get HRD to synch with my 897D. Keeps on returning "0" for the frequency. Since DM780 clearly knows what frequency I am on, no idea why it doesn't share that with HRD.

Gordon
K2GLW

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "BARRIE" <G4YJSBARRIE@...> wrote:

>
> Please could anyone go thru the steps for getting HRD AND FT897 to work
together please?.I have followed the stahndard procedure but I keep getting
cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>

[Non-text portions of this message have been removed]

32150. RE: [FT897] Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-22 20:18:34 UTC
From: eric@van-de-weyer.org
Topic: 32141 Message: 32150

Hi Gordon,

Do you have the data rates set the same on the radio and in HRD and have
you set the correct serial port as determined from Device Manager. You can
also find with USB devices that they will come up as a different serial port
when you move them between different USB sockets.

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Robert Tuck" <robertktuck@...>
>Date: Wed, 22 Dec 2010 15:06:09 -0500
>Subject: RE: [FT897] Re: FT897 AND HRD
>Reply-To: FT897@yahoogroups.com
>
>
>What have you done so far?
>
>What interfaces and cables are you using?
>
>Is HRD set for the 897?
>
>Are you using the correct port on the 897?
>
>Are your settings on the 897 correct? (CAT Control)
>
>What version of Windows are you using?
>
>USB or serial?
>
>
>
>I am using HRD/DM780 with my FT897D without any problems. I am using the
>USB Yaesu CAT/program interface through the microphone port (the rear port
>is set up for my linear amp.). I use a SignaLink USB for the sound. These
>USB devices plug into a POWERED USB hub (to reduce the drain on my laptop
>running Vista) and then the hub is connected to my computer. The hardware
>was plug and play. I set the front mic port to CAT. That way it operates
>as a CAT port and a mic port. I do lose the mic up/down functions. The
>Signalink is plugged into the aux port. The rear CAT port is set to LINEAR
>for my amplifier. In HRD/DM780, I selected the FT897 and everything worked.
>
>
>
>I usually start HRD first and then launch FT780. I believe that there is

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>option in HRD to sync with DM780. I could email you my config files for
>HRD
>and/or DM780
>
>
>
>Robert
>
>AB4RT
>
>
>
>From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
>willgord
>Sent: Wednesday, December 22, 2010 08:46
>To: FT897@yahoogroups.com
>Subject: [FT897] Re: FT897 AND HRD
>
>
>
>
>
>
>If anyone has the answer to that one, please pass it on to me. I am running
>DM780 but cannot get HRD to synch with my 897D. Keeps on returning "0" for
>the frequency. Since DM780 clearly knows what frequency I am on, no idea
>why
>it doesn't share that with HRD.
>
>Gordon
>K2GLW
>
>--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "BARRIE"
><G4YJSBARRIE@...> wrote:
>>
>> Please could anyone go thru the steps for getting HRD AND FT897 to work
>together please?.I have followed the stahndard procedure but I keep getting
>cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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>
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32151. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-22 23:38:07 UTC
From: iceberg iceberg
Topic: 32141 Message: 32151

--- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@...> wrote:
>
> Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>

I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?

I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.

Bryan KB9YEN

32152. VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-23 02:56:10 UTC
From: Chuck Williams
Topic: 32152 Message: 32152

Good Evening Group,

Just a quick question to see how many of you use the FT-897 for sideband or satellite work. Have you been pleased with the 897 on am/fm work, or would you go another route if you wanted to chase V/U contests or satellites?

Thanks & Seasons Greeting to All!
Chuck Williams, KJ4HBK

----- Original Message -----
From: iceberg iceberg
To: FT897@yahoogroups.com
Sent: Wednesday, December 22, 2010 5:38 PM
Subject: [FT897] Re: FT897 AND HRD

--- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@...> wrote:
>
> Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>

I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?

I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.

Bryan KB9YEN

[Non-text portions of this message have been removed]

32153. Re: [FT897] VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-23 04:10:32 UTC
From: Patrick
Topic: 32152 Message: 32153

Yes, and the 897 runs just fine using HRD @ 4800 baud

On Wed, Dec 22, 2010 at 9:56 PM, Chuck Williams <cwilliams42071@...>wrote:

>
>
> Good Evening Group,
>
> Just a quick question to see how many of you use the FT-897 for sideband or
> satellite work. Have you been pleased with the 897 on am/fm work, or would
> you go another route if you wanted to chase V/U contests or satellites?
>
> Thanks & Seasons Greeting to All!
> Chuck Williams, KJ4HBK
>
> ----- Original Message -----
> From: iceberg iceberg
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Wednesday, December 22, 2010 5:38 PM
> Subject: [FT897] Re: FT897 AND HRD
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "BARRIE"
> <G4YJSBARRIE@...> wrote:
> >
> > Please could anyone go thru the steps for getting HRD AND FT897 to work
> together please?.I have followed the stahndard procedure but I keep getting
> cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
> >
>
> I to am curious about setting up HRD. I've not use any computer control
> before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO)
> sound card in it so if I am correct in my understanding I only need a CT-62
> cable to complete the setup? My understanding was that if you have a good
> sound car you don't need something like a rigblaster, but jus the CAT CT-62
> cable, is that correct?
>
> I do have an LDG AT-897plus so I know if I want to use the tuner I am
> limited to using the cat at 4800.
>
> Bryan KB9YEN
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

32154. Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-23 18:56:35 UTC
From: Radio_Randy
Topic: 32152 Message: 32154

Hi Chuck,

With three First Place wins in recent VHF QSO Parties, I would have to say that the 897D is a fine player on SSB.

As for satellite work, there are better "cross-band" units available. However, I wouldn't count this radio out. It just depends on how serious a satellite chaser you are.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams42071@...> wrote:
>
> Good Evening Group,
>
> Just a quick question to see how many of you use the FT-897 for sideband or satellite work. Have you been pleased with the 897 on am/fm work, or would you go another route if you wanted to chase V/U contests or satellites?
>
> Thanks & Seasons Greeting to All!
> Chuck Williams, KJ4HBK
>
>
>
>
> ----- Original Message -----
> From: iceberg iceberg
> To: FT897@yahoogroups.com
> Sent: Wednesday, December 22, 2010 5:38 PM
> Subject: [FT897] Re: FT897 AND HRD
>
>
>
>
>
>
> --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> >
> > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
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>
> I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?

>
> I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.
>
> Bryan KB9YEN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

32155. Re: 897D PSK31 Narrow Filter Center Frequency

Yahoo group: FT897 (2010)
Date: 2010-12-23 19:12:42 UTC
From: Radio_Randy
Topic: 32143 Message: 32155

Hi Jon,

I just tested this with my 897D and I would have to say the answer to your question(s) is a big, fat, YEP! In fact, the 897D and 950 both use the same type of connector, so it's a simply job to change radios by simply unplugging one and plugging the other in.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "joncrockrell" <joncrockrell@...> wrote:
>
> I now own the 857D and am wanting to purchase the 897D. I often operate PSK31 with the 857D in USB mode instead of the Digital/PSK31 setting because I like the way it centers the narrow 300Hz filter in the middle of the waterfall at 1500Hz.
>
> I use the rear data port and a Signalink USB.
>
> My question: Does the 897D also center the narrow 300Hz filter at 1500 while in USB mode like the 857D? Also, does it allow you to use the data port while in USB mode like the 857D?
>
> Thanks, this is my first post and hopefully not a double post; I forgot to sign my first one with my callsign and I never saw it here.
>
> Thanks Again!
>
> Jon
> WD0MYM
> 73
>

32156. Re: [FT897] Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-23 19:41:55 UTC
From: Chuck Williams
Topic: 32152 Message: 32156

Patrick & Randy, Many thanks for your replies. I don't know how serious a satellite chaser I'm going to be Randy. Just very interested in giving it a shot.

I just received a nice 2 meter yagi for Christmas and am trying to decide whether to find an older VHF/UHF all mode radio, or whether it would be better to go with something like the Yaesu FT-847 or Kenwood TS-2000 (as compared to the 897D) as a shack in the box with emphasis on VHF/UHF/Satellite over HF in contesting ability.

Thanks & Seasons Greetings!
Chuck, KJ4HBK

----- Original Message -----
From: Radio_Randy
To: FT897@yahoogroups.com
Sent: Thursday, December 23, 2010 12:56 PM
Subject: [FT897] Re: VHF/UHF & Satellite Work ?

Hi Chuck,

With three First Place wins in recent VHF QSO Parties, I would have to say that the 897D is a fine player on SSB.

As for satellite work, there are better "cross-band" units available. However, I wouldn't count this radio out. It just depends on how serious a satellite chaser you are.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams42071@...> wrote:
>
> Good Evening Group,
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> Just a quick question to see how many of you use the FT-897 for sideband or satellite work. Have you been pleased with the 897 on am/fm work, or would you go another route if you wanted to chase V/U contests or satellites?
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> Thanks & Seasons Greeting to All!
> Chuck Williams, KJ4HBK
>
>
>
>
> ----- Original Message -----
> From: iceberg iceberg
> To: FT897@yahoogroups.com
> Sent: Wednesday, December 22, 2010 5:38 PM
> Subject: [FT897] Re: FT897 AND HRD
>

>
>
>
>
> --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> >
> > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
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> I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.
>
> Bryan KB9YEN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

32157. Re: [FT897] Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-23 19:48:55 UTC
From: Chuck Williams
Topic: 32152 Message: 32157

As a follow-up comment regarding your success with VHF contesting Randy, let me also state that we have one "regular" on our Monday night 2 meter net (K4MSU repeater) who operates an 897D.

His audio is always good, and signal strong. I've been impressed with the sound of the rig. Just primarily wondering if it would be up to the task of a "starter" rig for satellite ops if I become really interested in that mode of operation.

Thanks again for your reply & 73 to all!
Chuck Williams, KJ4HBK

----- Original Message -----
From: Radio_Randy
To: FT897@yahoogroups.com
Sent: Thursday, December 23, 2010 12:56 PM
Subject: [FT897] Re: VHF/UHF & Satellite Work ?

Hi Chuck,

With three First Place wins in recent VHF QSO Parties, I would have to say that the 897D is a fine player on SSB.

As for satellite work, there are better "cross-band" units available. However, I wouldn't count this radio out. It just depends on how serious a satellite chaser you are.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "Chuck Williams" <cwilliams42071@...> wrote:
>
> Good Evening Group,
>
> Just a quick question to see how many of you use the FT-897 for sideband or satellite work. Have you been pleased with the 897 on am/fm work, or would you go another route if you wanted to chase V/U contests or satellites?
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> Thanks & Seasons Greeting to All!
> Chuck Williams, KJ4HBK
>
>
>
>
> ----- Original Message -----
> From: iceberg iceberg
> To: FT897@yahoogroups.com
> Sent: Wednesday, December 22, 2010 5:38 PM
> Subject: [FT897] Re: FT897 AND HRD
>

>
>
>
>
> --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> >
> > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
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> Bryan KB9YEN
>
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

32158. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-23 20:48:38 UTC
From: willgord
Topic: 32141 Message: 32158

Data rates are 4800 in both my radio and in HRD. Available ports are four and five and i have tried using both ports. Still get a reading of zero for the freek and a warning that I may be in memory mode. But DM780 has no trouble reading my frequency (14070) and since I am making QSOs, I obviously am not in memory mode.

I am sure it is something pretty simple that I am not getting, but no idea what that might be.

Link is SignaLink USB--obviously xconfigured oorrectly since I have worked Digipan in the past and am working FLdigi ansd DM780 right now.

Gordon
K2GLW

--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi Gordon,
>
> Do you have the data rates set the same on the radio and in HRD and have
> you set the correct serial port as determined from Device Manager. You can
> also find with USB devices that they will come up as a different serial port
> when you move them between different USB sockets.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: <FT897@yahoogroups.com>
> >From: "Robert Tuck" <robertktuck@...>
> >Date: Wed, 22 Dec 2010 15:06:09 -0500
> >Subject: RE: [FT897] Re: FT897 AND HRD
> >Reply-To: FT897@yahoogroups.com
> > >
> > >
> >What have you done so far?
> > >
> >What interfaces and cables are you using?
> > >
> >Is HRD set for the 897?
> > >
> >Are you using the correct port on the 897?
> > >
> >Are your settings on the 897 correct? (CAT Control)
> > >
> >What version of Windows are you using?
> > >

> >USB or serial?
> >
> >
> >
> >I am using HRD/DM780 with my FT897D without any problems. I am using the
> >USB Yaesu CAT/program interface through the microphone port (the rear port
> >is set up for my linear amp.). I use a SignaLink USB for the sound. These
> >USB devices plug into a POWERED USB hub (to reduce the drain on my laptop
> >running Vista) and then the hub is connected to my computer. The hardware
> >was plug and play. I set the front mic port to CAT. That way it operates
> >as a CAT port and a mic port. I do lose the mic up/down functions. The
> >Signalink is plugged into the aux port. The rear CAT port is set to LINEAR
> >for my amplifier. In HRD/DM780, I selected the FT897 and everything worked.
> >
> >
> >
> >I usually start HRD first and then launch FT780. I believe that there is
> >an
> >option in HRD to sync with DM780. I could email you my config files for
> >HRD
> >and/or DM780
> >
> >
> >
> >Robert
> >
> >AB4RT
> >
> >
> >
> >From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> >willgord
> >Sent: Wednesday, December 22, 2010 08:46
> >To: FT897@yahoogroups.com
> >Subject: [FT897] Re: FT897 AND HRD
> >
> >
> >
> >
> >
> >If anyone has the answer to that one, please pass it on to me. I am running
> >DM780 but cannot get HRD to synch with my 897D. Keeps on returning "0" for
> >the frequency. Since DM780 clearly knows what frequency I am on, no idea
> >why
> >it doesn't share that with HRD.
> >
> >Gordon
> >K2GLW
> >
> >--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "BARRIE"

> ><G4YJSBARRIE@> wrote:
> >>
> >> Please could anyone go thru the steps for getting HRD AND FT897 to work
> >together please?.I have followed the stahndard procedure but I keep getting
> >cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
> >>
> >
> >
> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
> >
> >
>

32159. Re: 897D PSK31 Narrow Filter Center Frequency

Yahoo group: FT897 (2010)
Date: 2010-12-23 21:43:47 UTC
From: joncrockrell
Topic: 32143 Message: 32159

Thanks, answers my question!!!

Jon
WD0MYM
73

--- In FT897@yahoogroups.com, "Radio_Randy" <rjones@...> wrote:
>
> Hi Jon,
>
> I just tested this with my 897D and I would have to say the answer to your question(s) is a big, fat, YEP! In fact, the 897D and 950 both use the same type of connector, so it's a simply job to change radios by simply unplugging one and plugging the other in.
>
> 73, Randy N7CKJ

32160. Re: RE:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-24 20:31:42 UTC
From: Burton
Topic: 32074 Message: 32160

I don't have a logic probe. I performed another test with a working radio. I ran an insulated output wire from the FT-897 directly to the input connector on the working radio tuned to the same 20M frequency so it acted like an antenna. There was no indication of RF being received in the working receiver. If the first stages are working in the FT-897, shouldn't you be able to hear a weak signal?

Burton

--- In FT897@yahoogroups.com, "shylow101" <shylow101@...> wrote:
>
> If you have a logic probe, have a look at IC-Q3013 it's a 4094. 8 bit shift register. looks like the common connection.
>
> --- In FT897@yahoogroups.com, "Burton" <wb6cyk@> wrote:
> >
> > Randy, we are going to look at the path of the RF today or tomorrow. There is a relationship between the bands that are not working, they are multiples of five. Is there a processor that generates the basic carrier frequency on these bands? I also plan to email Yaesu today.
> >
> > Burton -wb6cyk
> >
> > --- In FT897@yahoogroups.com, "Radio_Randy" <rjones@> wrote:
> > >
> > > Burton,
> > >
> > > Unfortunately, I have no technical expertise with this radio. My filter relay "guess" was truly just a guess. After consulting the schematic, I see that it was likely wrong in the first place. Some of the bands that are working use the same filters as those that aren't.
> > >
> > > If it were me, I would begin troubleshooting by looking for RF output at the lowest level stages on the bad bands (output of the SSB filters, etc.) and go toward the antenna from there. Since the problem only effects certain bands, it's likely that the problem is with your digital control circuits and not RF related. If you were having problems with losing output on certain frequencies within the same band, I would look at the VFO output. However, I doubt this is the case.
> > >
> > > Sorry I couldn't be more help.
> > >
> > > 73, Randy N7CKJ
> > >
> > > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > > >

> > > > Randy, the relay cleaning didn't help. No, the radio has been in a clean and dry environment here in Grants Pass, OR. No indication of SWR on the failed bands.
> > > >
> > > > I have a copy of the service manual and schematics. Also a friend here who works on UHF equipment, has test equipment and will help me with this problem. Can you tell me where to look?
> > > >
> > > > Thanks a bunch for answering my inquiry.
> > > >
> > > > Burton
> > > >
> > > >
> > > > >
> > > > > Press and hold band "DWN" and "UP" while turning on will initiate a relay cleaning cycle
> > > > > >
> > > > > >
> > > > > > 73's
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: Radio_Randy
> > > > > > To: FT897@yahoogroups.com
> > > > > > Sent: Thursday, December 16, 2010 9:02 PM
> > > > > > Subject: [FT897] Re: RE:Problem with transmitting on some bands but RX fine on all bands
> > > > > >
> > > > > >
> > > > > >
> > > > > > Maybe failing relays in some of your bandpass filters? How old is the rig? Has it been exposed to "salt air" as in near the ocean, or maybe extremely dusty conditions? Is the operator a heavy smoker?
> > > > > >
> > > > > > Failed bandpass filters won't show on SWR because I believe the bridge is between the filter and antenna port. Also, without a schematic handy, I don't know if the receive side goes through the same filter.
> > > > > >
> > > > > > 73, Randy N7CKJ
> > > > > >
> > > > > > --- In FT897@yahoogroups.com, "wb6cyk" <wb6cyk@> wrote:
> > > > > > >
> > > > > > > It failed again this morning. On further testing it appears that that the bands that are working on transmit are 80, 30, 17, 12 and 6 meters. The other HF bands have no output on transmit. It appears to me that some component is failing in an early stage that determines the input frequency to the finals.
> > > > > > >
> > > > > > > Burton - wb6cyk
> > > > > > >

> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > >
> >
>

32161. Re:Problem with transmitting on some bands but RX fine on all bands

Yahoo group: FT897 (2010)
Date: 2010-12-25 10:31:37 UTC
From: Dave Nelson
Topic: 32074 Message: 32161

not a good thing to do !!!! it would have meant instant death to the
receiver in
the "working" radio if the faulty had suddenly decided to transmit !
Dont do it again :)

DONT connect the radios directly the faulty radio transmitting into a
dummy
load and the receiving radio having either no antenna or an antenna would have
been a good enough test

cheers
Dave
VK2TDN

At 09:19 PM 25/12/2010, you wrote:
>1a. Re: Problem with transmitting on some bands but RX fine on all bands
> Posted by: "Burton" wb6cyk@... wb6cyk
> Date: Fri Dec 24, 2010 12:31 pm ((PST))
>
>I don't have a logic probe. I performed another test with a working
>radio. I ran an insulated output wire from the FT-897 directly to the
>input connector on the working radio tuned to the same 20M frequency so it
>acted like an antenna. There was no indication of RF being received in
>the working receiver. If the first stages are working in the FT-897,
>shouldn't you be able to hear a weak signal?
>
>Burton

32162. Re: Fldig -frequency scale reversed ?

Yahoo group: FT897 (2010)
Date: 2010-12-25 15:40:18 UTC
From: graham787
Topic: 32124 Message: 32162

Ok .. It was using the hamlib or what ever its called ,I downloaded the xml file from the site and changed to rigcat , that has corrected the reverse scale

tnx - G ..

--- In FT897@yahoogroups.com, "tomglaab" <tglaab@...> wrote:
>
> > If Rig is running is USB .. scale read ok . 1-2-3-4-5- etc
> >
> > Change to DIG user U or psk U , then set is still on the same frequency , but the frequency display in reversed . ?
>
> What rig.xml file are you using for FLDIGI? I found the stock FT-857 file includes the PKT mode in the section for 'reverse' frequency such as LSB. I removed PKT and saved the file as FT897.xml file for FT897, and everything's been happy.
>
> If you're not using rigcat you should look for a similar config file issue for the CAT mode you're using.
>
> tg.
> AJ4UQ
>

32163. Clearing Memory channels?

Yahoo group: FT897 (2010)
Date: 2010-12-25 17:57:45 UTC
From: ka9ofapancho
Topic: 32163 Message: 32163

I have several channels on the FT 897D which I would like to clear out so that I can leave them blank for the present. I was wondering if there is an easy way to do this. I have searched the manual for the answer, but so far the answer escapes me.
Thanks.

Pancho - KA9OFA

32164. Re: [FT897] Clearing Memory channels?

Yahoo group: FT897 (2010)
Date: 2010-12-25 19:14:56 UTC
From: PY5VB-Villas Boas
Topic: 32163 Message: 32164

Pancho:

Press V/M button to enter memory system.
Press F key and select "MFb" menu.
Press "A" (MW) button (now "SKIP" item is changed to "MCLR")
Press "B" (MCLR) button to clear your selected memory.

73, Villas - PY5VB (Merry Christmas)

Em 25/12/2010 15:57, ka9ofapancho escreveu:
>
> I have several channels on the FT 897D which I would like to clear out
> so that I can leave them blank for the present. I was wondering if
> there is an easy way to do this. I have searched the manual for the
> answer, but so far the answer escapes me.
> Thanks.
>
> Pancho - KA9OFA
>
>

[Non-text portions of this message have been removed]

32165. Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-25 19:50:00 UTC
From: tomglaab
Topic: 32152 Message: 32165

> Just a quick question to see how many of you use the FT-897 for sideband or satellite work.

A friend who's into satellite work prefers to use two separate radios. On FM the 897 doesn't switch between TX/RX quickly enough for him, and in SSB he prefers a full duplex setup. Normally he uses a FT-817ND for the downlink, though I suspect you could use a FM/SSB HT instead.

tg.
AJ4UQ.

32166. Poor receive

Yahoo group: FT897 (2010)
Date: 2010-12-22 08:47:30 UTC
From: gd6icr
Topic: 32166 Message: 32166

After transmitting on 2/70 when returning to receive it seem either a relay is not connecting or radio is in invalid receive mode
. Changing band or mode then corrects the error. Anyone seen this yet - Radio is 2 years old - no problems previously except showing high swr - when not high on 28/6/2/70.

Any help please

Mike

32167. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-23 18:50:35 UTC
From: ai4wu
Topic: 32141 Message: 32167

Bryan,

The CT-62 or its generic equivalents connect the radio to remote control software like Ham Radio Deluxe. This does not provide an audio path for digital modes. In fact, remote control is not required for digital modes at all if you're willing to adjust the radio's frequency, mode, etc. manually.

In order to work the digital sound card modes, you will need some interface between the radio and the computer's sound card. The interface provides a transmit audio path from the sound card speaker output to the radio's mic or data input, a receive audio path from the radio's speaker or data out to the sound card's mic or aux in, and some method for activating PTT. Some commercial interfaces have their own built-in sound cards while others provide isolation between your sound card and radio to prevent ground loops and a PTT function.

Sound card interfaces can be home brewed or commercial, but you will require some type of interface besides the CT-62.

73
Chuck
AI4WU

--- In FT897@yahoogroups.com, "iceberg iceberg" <iceberg@...> wrote:
>
>
>
> --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> >
> > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
> >
>
> I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?
>
> I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.
>
> Bryan KB9YEN
>

32168. Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-24 16:10:33 UTC
From: Bruce Richardson
Topic: 32152 Message: 32168

Chuck:

Can't comment on the satellite aspects.

What I can tell you is that the 897 is a fine VHF/UHF radio. I know a few rovers who use it and it gives them three bands in one box. Two of those guys have done the mod where you put a DEM 222 XVerter in the battery bay and have FOUR bands in one box. (.pdf of instruction article for mod available from me (W0ZQ author))

I don't really have experience with the 847 or ts2000 but they are bigger "boxes" and cost more (I think).

So I'm real happy with the 897 and this support community and I use my 897 primarily for VHF/UHF.
Bruce W9FZ/R

32169. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-23 18:31:58 UTC
From: ai4wu
Topic: 32141 Message: 32169

Menu 20 must be set for CAT.

Check the baud rate setting in menu 19.

Verify the serial port used to connect the CAT level converter. If you're using a USB - serial adapter and unsure of the COM port, watch Device Manager as you're plugging in the adapter to see what port appears.

Ensure that the converter is inserted all the way into the CAT/Linear port on the radio. Sometimes the recessed port on the radio prevents some connectors from making contact. Some people have had to trim some plastic from the connector to insert it completely.

On the Connect screen in HRD, make sure the COM port and baud rate match the information you came up with in the above steps.

Good luck!

Chuck
AI4WU

--- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@...> wrote:
>
> Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
>

32170. Merry Christmas to all - Santa brings me a FT-897D!

Yahoo group: FT897 (2010)
Date: 2010-12-24 17:52:53 UTC
From: filipect1ddw@yahoo.com
Topic: 32170 Message: 32170

I own a FT-817 for some years and general pleased with them.
Now i trade a old TS-450 for a used FT-897D, so far nice working radio, i am a novice with the 897D so all comments will be apreciated.
I read some stuff about modifications over some issues of the 897, like fast AGC, Processor improvement, voltage control of exciter transistors. Dont know if the FT-897D have some corrections to that situations!
Wish you all a Merry Christmas.
Regards from CT1DDW

32171. Re: Merry Christmas to all - Santa brings me a FT-897D!

Yahoo group: FT897 (2010)
Date: 2010-12-26 16:31:32 UTC
From: Armin Doneis Jr.
Topic: 32170 Message: 32171

Villas:
Thanks for the answer to my question. It worked like a charm.
Thanks again.

73, Pancho - KA9OFA (Merry Christmas and Happy New Year!!!)

[Non-text portions of this message have been removed]

32172. cat interface and ubuntu 10.10

Yahoo group: FT897 (2010)
Date: 2010-12-28 10:55:01 UTC
From: m0els
Topic: 32172 Message: 32172

HI all, I have installed wspr on ubuntu and cannot get the audio and ptt to work. I have a cat cable from the 897d to the pc as well as a interface box with serial to usb converter cable. Can someone with ubuntu experience help me get it working.

Thanks

32173. Re: [FT897] cat interface and ubuntu 10.10

Yahoo group: FT897 (2010)
Date: 2010-12-28 11:34:42 UTC
From: Bret McDanel
Topic: 32172 Message: 32173

On Tue, 2010-12-28 at 10:55 +0000, m0els wrote:
>
> HI all, I have installed wspr on ubuntu and cannot get the audio and
> ptt to work. I have a cat cable from the 897d to the pc as well as a
> interface box with serial to usb converter cable. Can someone with
> ubuntu experience help me get it working.
>

audio and ptt are not done through CAT. I think you mean the data port,
which does have audio and a ptt trigger. PTT can be triggered via cat,
but if CAT works that will work since CAT is just a serial interface to
the radio.

Please clarify what you mean, do you mean the data jack or the cat jack
(they are next to each other).

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32174. SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-29 11:47:34 UTC
From: B Young
Topic: 32174 Message: 32174

I just purchased a SignalLink USB and selected the Data Port cable (din plug) with the unit.

I am using Ham Radio Deluxe (connected via the CAT cable) and I want to configure it for Voice, but I understand when you engage PTT via the CAT cable it looks for audio via the RJ45 mic input and not the Data Port. I understand that I will need a program like IPSound of Skype to move the audio accross from the remote to the server machine (HRD installed).

Is anyone using a SignalLink USB with the Data Port connector? If so how are you triggering the PTT? I have been reading that the Data Port is great for digital but is not a good choice for voice.

My goal is to be able to use the FT-897D remotely (voice not digital) on my Local LAN and via the internet. I may have to order from TigerTronics website the RJ45 Mic cable.

Any advice would be appreciated.

73, Barry K9BAY

[Non-text portions of this message have been removed]

32175. RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-29 14:40:42 UTC
From: Robert Tuck
Topic: 32174 Message: 32175

I use HRD, SignalLink USB, the Yaesu CAT interface & cable and I have a linear attached.

The linear is attached to the rear port (and the program step is set to linear).

The SignalLink USB is plugged into the rear data port on the computer.

I am using a desk mike and it has an extra RJ45 jack on it, which I use to connect the CAT control cable.

(The microphone program selection is set to CAT, I lose the up/down functions of the mike)

I set up HRD/DM780 to use the FT897D.

From there, I just had to setup any preferences that I wanted in the programs.

WHEN the data mode is selected on the FT897D, the audio in/out goes to the rear connector, when any other mode is selected, the microphone is active.

It works like a charm!

No other programs were needed.

The PTT is controlled by the SignalLink. The SignalLink can be used by itself without the CAT control.

I have not tried to use it across my LAN. But, I believe that it would only require me to remote access the machine attached to the radio. (for digital modes)

I have not tried using the data port for voice.

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of B Young
Sent: Wednesday, December 29, 2010 06:48
To: FT897@yahoogroups.com
Subject: [FT897] SisnalLink USB w/ Ham Radio Deluxe

I just purchased a SignalLink USB and selected the Data Port cable (din plug) with the unit.

I am using Ham Radio Deluxe (connected via the CAT cable) and I want to configure it for Voice, but I understand when you engage PTT via the CAT cable it looks for audio via the RJ45 mic input and not the Data Port. I understand that I will need a program like IPSound of Skype to move the audio accross from the remote to the server machine (HRD installed).

Is anyone using a SignalLink USB with the Data Port connector? If so how are you triggering the PTT? I have been reading that the Data Port is great for digital but is not a good choice for voice.

My goal is to be able to use the FT-897D remotely (voice not digital) on my Local LAN and via the internet. I may have to order from TigerTronics website the RJ45 Mic cable.

Any advice would be appreciated.

73, Barry K9BAY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32176. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-29 15:27:53 UTC
From: iceberg iceberg
Topic: 32141 Message: 32176

Ok, I had planed to just use the data port with a cable setup like this (http://www.xggcomms.com/page4.htm) that CAT + Audio interface.
What is the difference between using something like that and and something like a signalink+ or rigblaster pro? I'm just wondering if I need to spend the money of an interface device of if I just need the cables and what exact benefits the interfaces offer over just cables. Also if it's better to go with an interface is there a comparison chart somewhere to help me decide which will be best for me based on how I want to use it?

Thanks
Bryan KB9YEN

--- In FT897@yahoogroups.com, "ai4wu" <cwhite3424@...> wrote:
>
> Bryan,
>
> The CT-62 or its generic equivalents connect the radio to remote control software like Ham Radio Deluxe. This does not provide an audio path for digital modes. In fact, remote control is not required for digital modes at all if you're willing to adjust the radio's frequency, mode, etc. manually.
>
> In order to work the digital sound card modes, you will need some interface between the radio and the computer's sound card. The interface provides a transmit audio path from the sound card speaker output to the radio's mic or data input, a receive audio path from the radio's speaker or data out to the sound card's mic or aux in, and some method for activating PTT. Some commercial interfaces have their own built-in sound cards while others provide isolation between your sound card and radio to prevent ground loops and a PTT function.
>
> Sound card interfaces can be home brewed or commercial, but you will require some type of interface besides the CT-62.
>
> 73
> Chuck
> AI4WU
>
>
> --- In FT897@yahoogroups.com, "iceberg iceberg" <iceberg@> wrote:
> >
> >
> >
> > --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> > >
> > > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.

> > >
> >
> > I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?
> >
> > I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.
> >
> > Bryan KB9YEN
> >
>

32177. Re: [FT897] Re: VHF/UHF & Satellite Work ?

Yahoo group: FT897 (2010)
Date: 2010-12-29 15:32:36 UTC
From: Chuck Williams
Topic: 32152 Message: 32177

>Two of those guys have done the mod where you put a DEM 222
XVerter in the battery bay and have FOUR bands in one box. (.pdf
of instruction article for mod available from me (W0ZQ author))<

To Bruce and all who replied- many thanks for your advice and assistance with my question. I had not heard of the 222 xverter option in the battery bay. That's a cool concept!

I apologize for letting so many day pass (over Christmas holiday) without reply. But, again, I truly appreciate your assistance & advice.

73 & Happy New Year to All!
Chuck Williams, KJ4HBK

[Non-text portions of this message have been removed]

32178. Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-29 15:50:24 UTC
From: B Young
Topic: 32174 Message: 32178

Thanks Robert.

I understand that digital works great. I am interested in voice. And the tricky part appears to be triggering PTT. I believe I am going to have to order or build a RJ45 cable from the SignalLink RJ45 jack to the RJ45 microphone jack .

I am just not sure if it would straight through cable or based on a wiring diagram. I have the jumper module for the FT 897D installed in the SignalLink box.

73, Barry. K9BAY
On Dec 29, 2010 9:41 AM, "Robert Tuck" <robertktuck@...> wrote:

[Non-text portions of this message have been removed]

32179. RE: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-29 18:03:39 UTC
From: Robert Tuck
Topic: 32174 Message: 32179

I believe that I have that cable. I have not tried it.

Robert.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of B Young
Sent: Wednesday, December 29, 2010 10:50
To: FT897@yahoogroups.com
Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Thanks Robert.

I understand that digital works great. I am interested in voice. And the tricky part appears to be triggering PTT. I believe I am going to have to order or build a RJ45 cable from the SignalLink RJ45 jack to the RJ45 microphone jack .

I am just not sure if it would straight through cable or based on a wiring diagram. I have the jumper module for the FT 897D installed in the SignalLink box.

73, Barry. K9BAY
On Dec 29, 2010 9:41 AM, "Robert Tuck" <robertktuck@...
<mailto:robertktuck%40cox.net> > wrote:

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32180. Re: Poor receive

Yahoo group: FT897 (2010)
Date: 2010-12-29 21:00:37 UTC
From: Steve Yates
Topic: 32166 Message: 32180

Mike,

You had my curiosity up so I examined the circuit a bit. Of course, like any computer problem the first thing you do before tearing into the hardware is reboot. Or in this case, a Master Reset.

For 2 m and 70 cm no relays are switched when going from transmit to receive as they are on HF and 6 m. However, there are several diodes that are used to control the signal paths. Since your receive ability always comes back I suspect that the diodes are good but maybe the circuit that controls them is a little flakey. The common denominator for all of your problems maybe be the IC D3050 (P/N DAN235U) on the PA Board. This circuit controls which front-end (VHF or UHF) is connected to the main receive path. It may not be selecting either. This chip also controls the fan operation so I wonder if you've had any weirdness with that? Of course the processor controls everything.

In reality, the problems you are having could be caused by a multitude of different things and only a good troubleshooting process will find the culprit for certain.

Just some of my thoughts, I hope you find it.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "gd6icr" <gd6icr@...> wrote:
>
> After transmitting on 2/70 when returning to receive it seem either a relay is not connecting or radio is in invalid receive mode
> . Changing band or mode then corrects the error. Anyone seen this yet - Radio is 2 years old - no problems previously except showing high swr - when not high on 28/6/2/70.
>
> Any help please
>
> Mike
>

32181. high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-29 21:24:57 UTC
From: graham
Topic: 32181 Message: 32181

Hi I am having problems using digi mode on 40m only
I have LDG AT-897 Plus to a G5RV half size.
I press the tune button and hold until the LED goes out and it tunes ok one blink of the LED
I am only using 10w of power, start to transmit through hrd program after a few seconds the SWR ramps up and get the high SWR on the 897 display.
Please help

32182. Re: [FT897] high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-29 22:09:27 UTC
From: JP Douglas
Topic: 32181 Message: 32182

Graham,

Question, why are you using "digi" mode?
I work digital at least 85% of the time on the 897 and always use USB without problems.
I have had a G5RV half size hooked up to the radio too and have never had a problem, also use the LDG tuner.
I did stop using HRD after I got comfortable with the 897 though, didn't have any use for it anymore.
Do use the Signalink USB sound card interface and make sure the ALC reading on the radio is not showing,
high ALC does increase SWR on my radio, but never to a high enough level for the radio to blink "high swr".

Hope everyone had a good Christmas and Happy New Year to all.

Cheers and 73 de Jose Douglas - KB1TCD

From: graham <m3oel@...>
To: FT897@yahoogroups.com
Sent: Wed, December 29, 2010 4:24:57 PM
Subject: [FT897] high swr on 40m

Hi I am having problems using digi mode on 40m only
I have LDG AT-897 Plus to a G5RV half size.
I press the tune button and hold until the LED goes out and it tunes ok one blink of the LED
I am only using 10w of power, start to transmit through hrd program after a few seconds the SWR ramps up and get the high SWR on the 897 display.
Please help

[Non-text portions of this message have been removed]

32183. Re: [FT897] high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-29 23:03:50 UTC
From: Damien Gardner Jnr
Topic: 32181 Message: 32183

On 30/12/2010, at 9:09 AM, JP Douglas wrote:
> Graham,
>
> Question, why are you using "digi" mode?
> I work digital at least 85% of the time on the 897 and always use USB without
> problems.
> I have had a G5RV half size hooked up to the radio too and have never had a
> problem, also use the LDG tuner.
> I did stop using HRD after I got comfortable with the 897 though, didn't have
> any use for it anymore.
> Do use the Signalink USB sound card interface and make sure the ALC reading on
> the radio is not showing,
> high ALC does increase SWR on my radio, but never to a high enough level for the
> radio to blink "high swr".
>
grin you answered your own question.. :)

The Signalink does PTT to the data port - which tells the radio that it should take input from the data port, no matter what 'mode' it's in..

If you're using HRD to do PTT via the CAT port, then the audio input comes from wherever the mode setting tells it.. - 'digi' or 'pkt' modes, it comes from the data port, other modes it comes from the mic..

That drove me absolutely insane when I first went to hook my PC up to the 897 - I'd previously only used it direct to my 1270, which of course goes in via the data port, with PTT triggered from there also. Then went to CAT control with HRD doing the PTT via cat commands, rather than the data jack, and nothing I did would get audio out on TX.. Till I went and fiddled with these 'digi' and 'pkt' modes.

Annoying thing is that the difference between the PTT options isn't mentioned specifically anywhere, not even when I googled for it.. Seems most folks just take the manual for granted and use the digi/pkt modes for digital data, rather than (as I've always done) selected the mode they wished to transmit on normally..

Cheers,

Damien

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

32184. RE: [FT897] high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-29 22:45:24 UTC
From: Robert Tuck
Topic: 32181 Message: 32184

Are you connected to the data port or the microphone jack?

Have you used voice through the data port?

Have a GREAT Day!

Robert

AB4RT

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JP Douglas
Sent: Wednesday, December 29, 2010 17:09
To: FT897@yahoogroups.com
Subject: Re: [FT897] high swr on 40m

Graham,

Question, why are you using "digi" mode?
I work digital at least 85% of the time on the 897 and always use USB without problems.
I have had a G5RV half size hooked up to the radio too and have never had a problem, also use the LDG tuner.
I did stop using HRD after I got comfortable with the 897 though, didn't have any use for it anymore.
Do use the Signalink USB sound card interface and make sure the ALC reading on the radio is not showing,
high ALC does increase SWR on my radio, but never to a high enough level for the radio to blink "high swr".

Hope everyone had a good Christmas and Happy New Year to all.

Cheers and 73 de Jose Douglas - KB1TCD

From: graham <m3oel@... <mailto:m3oel%40yahoo.co.uk> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Wed, December 29, 2010 4:24:57 PM
Subject: [FT897] high swr on 40m

Hi I am having problems using digi mode on 40m only
I have LDG AT-897 Plus to a G5RV half size.
I press the tune button and hold until the LED goes out and it tunes ok one blink of the LED
I am only using 10w of power, start to transmit through hrd program after a few seconds the SWR ramps up and get the high SWR on the 897 display.
Please help

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

32185. Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-30 02:34:02 UTC
From: B Young
Topic: 32174 Message: 32185

Robert.

If you have that RJ45 Mic cable, then you need to plug the included cable (1/8 male to 1/8 male) into SPKR jack from the Headphone (with an adapter from 1/4 to 1/8) or External speaker jack. Then you can use HRD TX button to trigger PTT through the Mic Jack.

I have the SignalLink USB with the Jumper Module for the FT-897/D. I am just wondering if that RJ45 mic cable is just a straight through cable (4 pair) or is it using 2 pairs of the 4, etc? I have built standard Cat 5 network cables. If you have a Cat 5 (RJ45) cable tester, you could plug the RJ45 mic cable in and see the what wires are used and if they crossover, etc.

I believe there is no wiring diagram for that cable on the TigerTronics website. I don't know whether you can see the number of pairs used looking at the RJ45 connectors. Or if one side of the cable is for the SignalLink RJ45 jack and the other the Mic jack on the radio.

Thanks again for your help. Any insight would be appreciated.

73, Barry, K9BAY

On Wed, Dec 29, 2010 at 1:03 PM, Robert Tuck <robertktuck@...> wrote:

>
>
> I believe that I have that cable. I have not tried it.
>
> Robert.
>
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of B
> Young
> Sent: Wednesday, December 29, 2010 10:50
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe
>
>
> Thanks Robert.
>
> I understand that digital works great. I am interested in voice. And the
> tricky part appears to be triggering PTT. I believe I am going to have to
> order or build a RJ45 cable from the SignalLink RJ45 jack to the RJ45
> microphone jack .
>

> I am just not sure if it would straight through cable or based on a wiring
> diagram. I have the jumper module for the FT 897D installed in the
> SignalLink box.
>
> 73, Barry. K9BAY
> On Dec 29, 2010 9:41 AM, "Robert Tuck" <robertktuck@...<robertktuck%40cox.net>
> <mailto:robertktuck%40cox.net <robertktuck%2540cox.net>> > wrote:
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
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>
>

[Non-text portions of this message have been removed]

32186. Re: high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-30 07:25:30 UTC
From: colin.bell99
Topic: 32181 Message: 32186

Graham,

Having read some of the answers I hope you are less baffled than I am!

You say 40m only so I presume you are able to use digital modes on other bands successfully. Can you use CW or phone OK on 40?

I have a similar rig combination to you. An old LDG AT897 not an auto.

I had a similar problem on 15m (and only 15, 80/40/30/20/17 and 12 all OK), using a home built doublet (35' each leg). I fitted a choke in the feed to the aerial and 15 was fine as well afterwards.

I was advised to change the length of the co-ax to the aerial but I had already scrapped the doublet by then so I never got to the bottom of it. Using the same coax to an 80m inverted L does not give the problem on 15 even with no choke in the feed line.

73 de Colin 2E0BPP

--- In FT897@yahoogroups.com, "graham" <m3oel@...> wrote:
>
> Hi I am having problems using digi mode on 40m only
> I have LDG AT-897 Plus to a G5RV half size.
> I press the tune button and hold until the LED goes out and it tunes ok one blink of the LED
> I am only using 10w of power, start to transmit through hrd program after a few seconds the SWR ramps up and get the high SWR on the 897 display.
> Please help
>

32187. Re: [FT897] Re: high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-30 08:34:14 UTC
From: Patrick
Topic: 32181 Message: 32187

The problem is the G5RV. They are best 20-17-15-12-10. anything lower than 20 is a minimal antenna! trust me I know. I have played with these things. Been licensed since 1993. I don't know if you hv the space, but a 80 or 160 meter doublet feed with 450 ohm feed line is an incredible multiband antenna with a tuner.

On Thu, Dec 30, 2010 at 2:25 AM, colin.bell99
<colin.bell99@...>wrote:

>
>
> Graham,
>
> Having read some of the answers I hope you are less baffled than I am!
>
> You say 40m only so I presume you are able to use digital modes on other
> bands successfully. Can you use CW or phone OK on 40?
>
> I have a similar rig combination to you. An old LDG AT897 not an auto.
>
> I had a similar problem on 15m (and only 15, 80/40/30/20/17 and 12 all OK),
> using a home built doublet (35' each leg). I fitted a choke in the feed to
> the aerial and 15 was fine as well afterwards.
>
> I was advised to change the length of the co-ax to the aerial but I had
> already scrapped the doublet by then so I never got to the bottom of it.
> Using the same coax to an 80m inverted L does not give the problem on 15
> even with no choke in the feed line.
>
> 73 de Colin 2E0BPP
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "graham" <m3oel@...>
> wrote:
> >
> > Hi I am having problems using digi mode on 40m only
> > I have LDG AT-897 Plus to a G5RV half size.
> > I press the tune button and hold until the LED goes out and it tunes ok
> one blink of the LED
> > I am only using 10w of power, start to transmit through hrd program after
> a few seconds the SWR ramps up and get the high SWR on the 897 display.
> > Please help
> >
>
>
>

[Non-text portions of this message have been removed]

32188. RT Systems cable as CAT cable

Yahoo group: FT897 (2010)
Date: 2010-12-30 02:22:35 UTC
From: Brad
Topic: 32188 Message: 32188

I have an FT-897D and purchased the RT Systems software and cable for programming. It works as expected.

It also mentions that I can use the same cable as a CAT cable to my computer for use with HRD. Unfortunately, that application seems to be spotty. If I plug the CAT cable in after I power up the radio, everything works correctly.

If I plug the CAT cable in before I turn on the radio, all of the beeps and tones from pressing buttons etc are distorted. RX and TX seem to be unaffected.

If I add my LDG 897Plus tuner into the mix I get similar results except the tuner also errors out with a never-ending flashing LED. If I plug in the tuner without the CAT cable, everything works correctly every time.

Am I doing something wrong? Do I need to find a better CAT cable for use with HRD? If I need to buy a different cable, please recommend one (USB please). I don't mind buying a separate one for HRD versus programming, but I don't want to go through multiple trials and errors to find one that works the way I want.

Thank you

/KF5DWC [Brad]

32189. Re: Merry Christmas to all - Santa brings me a FT-897D!

Yahoo group: FT897 (2010)
Date: 2010-12-26 18:09:41 UTC
From: n7mch
Topic: 32170 Message: 32189

Santa stopped by with one for me also. I am now able to clean up my shack and remove two radios - a Kenwood TS-440 SAT and an ICOM 551D.

I have yet to make a HF contact with the 897D but working on it. The bands seem to be quiet here in Washington state.

73's de N7MCH and good DX

32190. Re: high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-30 17:50:01 UTC
From: graham
Topic: 32181 Message: 32190

thanks for all your help, I shortened the coax and found a bad joint in the new G5RV connection factory made. it now works fine
73's Graham (M3OEL)

--- In FT897@yahoogroups.com, Patrick <milw156@...> wrote:
>
> The problem is the G5RV. They are best 20-17-15-12-10. anything lower than
> 20 is a minimal antenna! trust me I know. I have played with these things.
> Been licensed since 1993. I don't know if you hv the space, but a 80 or 160
> meter doublet feed with 450 ohm feed line is an incredible multiband antenna
> with a tuner.
>
> On Thu, Dec 30, 2010 at 2:25 AM, colin.bell99
> <colin.bell99@...>wrote:
>
> >
> >
> > Graham,
> >
> > Having read some of the answers I hope you are less baffled than I am!
> >
> > You say 40m only so I presume you are able to use digital modes on other
> > bands successfully. Can you use CW or phone OK on 40?
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> > I have a similar rig combination to you. An old LDG AT897 not an auto.
> >
> > I had a similar problem on 15m (and only 15, 80/40/30/20/17 and 12 all OK),
> > using a home built doublet (35' each leg). I fitted a choke in the feed to
> > the aerial and 15 was fine as well afterwards.
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> > I was advised to change the length of the co-ax to the aerial but I had
> > already scrapped the doublet by then so I never got to the bottom of it.
> > Using the same coax to an 80m inverted L does not give the problem on 15
> > even with no choke in the feed line.
> >
> > 73 de Colin 2E0BPP
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "graham" <m3oel@>
> > wrote:
> > >
> > > Hi I am having problems using digi mode on 40m only
> > > I have LDG AT-897 Plus to a G5RV half size.
> > > I press the tune button and hold until the LED goes out and it tunes ok
> > one blink of the LED
> > > I am only using 10w of power, start to transmit through hrd program after

> > a few seconds the SWR ramps up and get the high SWR on the 897 display.
> > > Please help
> > >
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>
> [Non-text portions of this message have been removed]
>

32191. Re: high swr on 40m

Yahoo group: FT897 (2010)
Date: 2010-12-30 20:42:24 UTC
From: Radio_Randy
Topic: 32181 Message: 32191

Thanks for the follow-up, Graham. Glad you got your problem ironed out. Many times, the solution is so simple that we tend to overlook the obvious.

I had a similar situation with my triband beam on 15 meters. The tuner would get the SWR down for one transmission. On the next transmission, the SWR would be up again. The problem was with the 30+ year old antenna which I have since replaced with a new M2 tribander.

73, Randy N7CKJ

--- In FT897@yahoogroups.com, "graham" <m3oel@...> wrote:
>
>
>
> thanks for all your help, I shortened the coax and found a bad joint in the new G5RV connection factory made. it now works fine
> 73's Graham (M3OEL)
>
> --- In FT897@yahoogroups.com, Patrick <milw156@> wrote:
> >
> > The problem is the G5RV. They are best 20-17-15-12-10. anything lower than
> > 20 is a minimal antenna! trust me I know. I have played with these things.
> > Been licensed since 1993. I don't know if you hv the space, but a 80 or 160
> > meter doublet feed with 450 ohm feed line is an incredible multiband antenna
> > with a tuner.
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> > On Thu, Dec 30, 2010 at 2:25 AM, colin.bell99
> > <colin.bell99@>wrote:
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> > >
> > >
> > > Graham,
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> > > Having read some of the answers I hope you are less baffled than I am!
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> > > You say 40m only so I presume you are able to use digital modes on other
> > > bands successfully. Can you use CW or phone OK on 40?
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> > > I have a similar rig combination to you. An old LDG AT897 not an auto.
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> > > I had a similar problem on 15m (and only 15, 80/40/30/20/17 and 12 all OK),
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> > > I was advised to change the length of the co-ax to the aerial but I had
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> > > Using the same coax to an 80m inverted L does not give the problem on 15

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> > > 73 de Colin 2E0BPP
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "graham" <m3oel@>
> > > wrote:
> > > >
> > > > Hi I am having problems using digi mode on 40m only
> > > > I have LDG AT-897 Plus to a G5RV half size.
> > > > I press the tune button and hold until the LED goes out and it tunes ok
> > > one blink of the LED
> > > > I am only using 10w of power, start to transmit through hrd program after
> > > a few seconds the SWR ramps up and get the high SWR on the 897 display.
> > > > Please help
> > > >
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> > >
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> > [Non-text portions of this message have been removed]
> >
>

32192. RE: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-30 21:46:59 UTC
From: Robert Tuck
Topic: 32174 Message: 32192

It appears to be a standard straight through cable.

For anybody interested, using the RJ45 Cable:
The internal SignaLink USB jumpers are different that they are for the data port cable.
G goes to 7, PTT goes to 6, MIC goes to 5. The receive audio does not connect to the microphone RJ45 connector.
The receive audio needs to be connected to the speaker jack to the SPKR jack on the SignaLink USB

Since I am using a linear on the rear CAT/Linear port, I am using the microphone connection as a CAT port and a mic port. The SignaLink is using the rear data port. I don't see why I could not use the SignaLink on the microphone connection also.

If you are making a cable, I would use shielded CAT5e/6 cable, as short as possible. This would eliminate a possible source of hum pickup.

Robert
AB4RT

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of B Young
Sent: Wednesday, December 29, 2010 21:34
To: FT897@yahoogroups.com
Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Robert.

If you have that RJ45 Mic cable, then you need to plug the included cable (1/8 male to 1/8 male) into SPKR jack from the Headphone (with an adapter from 1/4 to 1/8) or External speaker jack. Then you can use HRD TX button to trigger PTT through the Mic Jack.

I have the SignalLink USB with the Jumper Module for the FT-897/D. I am just wondering if that RJ45 mic cable is just a straight through cable (4 pair) or is it using 2 pairs of the 4, etc? I have built standard Cat 5 network cables. If you have a Cat 5 (RJ45) cable tester, you could plug the RJ45 mic cable in and see the what wires are used and if they crossover, etc.

I believe there is no wiring diagram for that cable on the TigerTronics website. I don't know whether you can see the number of pairs used looking at the RJ45 connectors. Or if one side of the cable is for the SignalLink RJ45 jack and the other the Mic jack on the radio.

Thanks again for your help. Any insight would be appreciated.

73, Barry, K9BAY

On Wed, Dec 29, 2010 at 1:03 PM, Robert Tuck <robertktuck@...> wrote:

>
>
> I believe that I have that cable. I have not tried it.
>
> Robert.
>
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of B Young
> Sent: Wednesday, December 29, 2010 10:50
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe
>
>
> Thanks Robert.
>
> I understand that digital works great. I am interested in voice. And the
> tricky part appears to be triggering PTT. I believe I am going to have to
> order or build a RJ45 cable from the SignalLink RJ45 jack to the RJ45
> microphone jack .
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> I am just not sure if it would straight through cable or based on a wiring
> diagram. I have the jumper module for the FT 897D installed in the
> SignalLink box.
>
> 73, Barry. K9BAY
> On Dec 29, 2010 9:41 AM, "Robert Tuck"
<robertktuck@...<robertktuck%40cox.net>
> <mailto:robertktuck%40cox.net <robertktuck%2540cox.net>> > wrote:
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

32193. Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-31 00:37:53 UTC
From: B Young
Topic: 32174 Message: 32193

Hi Robert,

When you mention straight through, is it all 4 pairs (8 wires) of the Cat 5? Sometimes when they build cables they only include the actual wires that are being used. It appears you have been able to verify that all 8 are present and straight through.

I purchased the Jumper Module and it is apparently only for the data port cable. So I will have to remove the jumper module and manually wire based on your instructions below.

I have already mentioned to TigerTronics that they need to qualify what if voice, digital, or both are going to be used. I would have probably forgone the data port cable and got the mic cable and probably not purchased the jumper module. They have a new jumper module they are releasing soon for RJ45 mic input. It is not available yet.

Thanks again!

Happy New Year!

73, Barry K9BAY

On Thu, Dec 30, 2010 at 4:46 PM, Robert Tuck <robertktuck@...t> wrote:

>
>
> It appears to be a standard straight through cable.
>
> For anybody interested, using the RJ45 Cable:
> The internal SignaLink USB jumpers are different that they are for the data
> port cable.
> G goes to 7, PTT goes to 6, MIC goes to 5. The receive audio does not
> connect to the microphone RJ45 connector.
> The receive audio needs to be connected to the speaker jack to the SPKR
> jack
> on the SignaLink USB
>
> Since I am using a linear on the rear CAT/Linear port, I am using the
> microphone connection as a CAT port and a mic port. The SignaLink is using
> the rear data port. I don't see why I could not use the SignaLink on the
> microphone connection also.
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> If you are making a cable, I would use shielded CAT5e/6 cable, as short as
> possible. This would eliminate a possible source of hum pickup.
>
> Robert

> AB4RT
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of B
> Young
> Sent: Wednesday, December 29, 2010 21:34
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe
>
> Robert.
>
> If you have that RJ45 Mic cable, then you need to plug the included cable
> (1/8 male to 1/8 male) into SPKR jack from the Headphone (with an adapter
> from 1/4 to 1/8) or External speaker jack. Then you can use HRD TX button
> to trigger PTT through the Mic Jack.
>
> I have the SignalLink USB with the Jumper Module for the FT-897/D. I am
> just wondering if that RJ45 mic cable is just a straight through cable (4
> pair) or is it using 2 pairs of the 4, etc? I have built standard Cat 5
> network cables. If you have a Cat 5 (RJ45) cable tester, you could plug the
> RJ45 mic cable in and see the what wires are used and if they crossover,
> etc.
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> I believe there is no wiring diagram for that cable on the TigerTronics
> website. I don't know whether you can see the number of pairs used looking
> at the RJ45 connectors. Or if one side of the cable is for the SignalLink
> RJ45 jack and the other the Mic jack on the radio.
>
> Thanks again for your help. Any insight would be appreciated.
>
> 73, Barry, K9BAY
>
> On Wed, Dec 29, 2010 at 1:03 PM, Robert Tuck <robertktuck@...<robertktuck%40cox.net>>
> wrote:
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> >
> >
> > I believe that I have that cable. I have not tried it.
> >
> > Robert.
> >
> >
> > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com> [mailto:
> > FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%40yahoogroups.com>]
> On Behalf Of B Young
>
> > Sent: Wednesday, December 29, 2010 10:50

> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com>
>
> > Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe
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> > 73, Barry. K9BAY
> > On Dec 29, 2010 9:41 AM, "Robert Tuck"
> <robertktuck@... <robertktuck%40cox.net><robertktuck%40cox.net>
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> Yahoo! Groups Links
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32194. RE: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-31 01:05:44 UTC
From: Robert Tuck
Topic: 32174 Message: 32194

All 8 wires are present, but not used. Straight through. I use wire jumpers in a component socket (plug in) to create my own module.

Robert
AB4RT

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of B Young
Sent: Thursday, December 30, 2010 19:38
To: FT897@yahoogroups.com
Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Hi Robert,

When you mention straight through, is it all 4 pairs (8 wires) of the Cat 5? Sometimes when they build cables they only include the actual wires that are being used. It appears you have been able to verify that all 8 are present and straight through.

I purchased the Jumper Module and it is apparently only for the data port cable. So I will have to remove the jumper module and manually wire based on your instructions below.

I have already mentioned to TigerTronics that they need to qualify what if voice, digital, or both are going to be used. I would have probably forgone the data port cable and got the mic cable and probably not purchased the jumper module. They have a new jumper module they are releasing soon for RJ45 mic input. It is not available yet.

Thanks again!

Happy New Year!

73, Barry K9BAY

On Thu, Dec 30, 2010 at 4:46 PM, Robert Tuck <robertktuck@...> wrote:

>
>
> It appears to be a standard straight through cable.
>
> For anybody interested, using the RJ45 Cable:
> The internal SignaLink USB jumpers are different that they are for the
> data port cable.
> G goes to 7, PTT goes to 6, MIC goes to 5. The receive audio does not
> connect to the microphone RJ45 connector.
> The receive audio needs to be connected to the speaker jack to the

> SPKR jack on the SignaLink USB
>
> Since I am using a linear on the rear CAT/Linear port, I am using the
> microphone connection as a CAT port and a mic port. The SignaLink is
> using the rear data port. I don't see why I could not use the
> SignaLink on the microphone connection also.
>
> If you are making a cable, I would use shielded CAT5e/6 cable, as
> short as possible. This would eliminate a possible source of hum pickup.
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> Robert
> AB4RT
>
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> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
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> RJ45 jack and the other the Mic jack on the radio.
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> Thanks again for your help. Any insight would be appreciated.
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> 40yahoogroups.com> [mailto:
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> > Sent: Wednesday, December 29, 2010 10:50
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
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> Yahoo! Groups Links
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Yahoo! Groups Links

32195. Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe

Yahoo group: FT897 (2010)
Date: 2010-12-31 07:01:52 UTC
From: B Young
Topic: 32174 Message: 32195

Thanks Robert!

Good idea, I may pick up one of the IC componnent sockets at Fry's tomorrow.

Take care!

Barry K9BAY

On Thu, Dec 30, 2010 at 8:05 PM, Robert Tuck <robertktuck@...> wrote:

>
>
> All 8 wires are present, but not used. Straight through. I use wire jumpers
> in a component socket (plug in) to create my own module.
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> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
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> Sent: Thursday, December 30, 2010 19:38
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: RE: [FT897] SisnalLink USB w/ Ham Radio Deluxe
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> the data port cable and got the mic cable and probably not purchased the
> jumper module. They have a new jumper module they are releasing soon for
> RJ45 mic input. It is not available yet.
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> Thanks again!
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> Happy New Year!
>
> 73, Barry K9BAY
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> On Thu, Dec 30, 2010 at 4:46 PM, Robert Tuck <robertktuck@...<robertktuck%40cox.net>>
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> > For anybody interested, using the RJ45 Cable:
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> > If you are making a cable, I would use shielded CAT5e/6 cable, as
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> > Robert
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> > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
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32196. Happy New Year to all!

Yahoo group: FT897 (2010)
Date: 2010-12-31 07:38:43 UTC
From: Don
Topic: 32196 Message: 32196

Happy New Year to all!
We are blessed with such a great Ham Community and the friends we have made through the years. Wishing you all good DX in 2011 and look after your loved...stay safe.

Don kb9umt
http://www.30mdg.net
(30 Meter Digital Group)
http://hamspots.net/home/
(Best Digital, LOTW, EQSL, CLUB Spot Site)

32197. Band Noise and Cat interface

Yahoo group: FT897 (2010)
Date: 2010-12-31 08:40:57 UTC
From: gd6icr
Topic: 32197 Message: 32197

I have noticed on connecting HRD and not before, that the band noise on 40/20 jumps up by about 15dB - cable is permanently connected tho and removing or replacing it normally doesnt generate band noise anywhere (took me an hour to check) So why when data cable is active should it generate noise. Have had a basic spectrum analyser test this and cant see any sproggies (in or out of band)on it or the oscilloscope - tried inline toroids etc but cant seem to cure - definitely blocks me for PSK31 or reduces chance of contacts. Audio lines are isolated by transformer so no earth loops there either. and switching lines are relay only.

Help Please

Mike
GD6ICR

32198. Help with WinWarbler and PSK31 with FT-897D

Yahoo group: FT897 (2010)
Date: 2010-12-31 14:15:15 UTC
From: pascalpete
Topic: 32198 Message: 32198

Greetings All,

I was hoping someone who uses winwarbler for PSK31 could tell me something...

I just got a SignaLink USB and began trying my hand at PSK31. Using WinWarbler, I am able to copy PSK31 QSO's rather nicely. What I cannot do is get anyone to hear me!

Here is my question: When I transmit using WinWarbler, should the frequency display on my radio change? I mean, it is set at the "base" of the spectrum display, but when I select a pane and begin transmitting, I see the radio click to transmit mode, but the frequency display remains on the base frequency for the display (I guess I was expecting it to quickly jump to the frequency where my particular input pane is set). I don't know if this is some sort of "split frequency" operation on the radio (I am still learning about the radio) or is just plain wrong!

My thought is that maybe no one his hearing me because the radio is transmitting on the wrong frequency!

Perhaps if someone who uses WinWarbler could tell me what THEIR freq display does when they transmit with WinWarbler with PSK31, it would help me get past this roadblock.

Thanks!

Peter S. Lee
K8ACS

32199. Re: Band Noise and Cat interface

Yahoo group: FT897 (2010)
Date: 2010-12-31 16:01:06 UTC
From: ai4wu
Topic: 32197 Message: 32199

Hi Mike,

You're not alone! HRD polls the radio every few hundred milliseconds, which is a lot of serial activity. Toroids on the USB and/or CAT cable can help, but may not kill it all. I've gotten rid of it on most bands, but Murphy's law says it will always be present wherever you're trying to work. :-)

You can configure HRD to poll less frequently and also to poll only when it's the active application. Look at the "Polling" tab under configuration. That way when you're making a PSK contact via DM-780 HRD won't be polling and generating noise. The only caveat here is that if you manually change frequencies i.e. via the radio, not HRD, you'll need to switch back to HRD briefly so it can update to put the right frequency in the log.

Hope this helps.

73
Chuck
AI4WU

--- In FT897@yahoogroups.com, "gd6icr" <gd6icr@...> wrote:
>
> I have noticed on connecting HRD and not before, that the band noise on 40/20 jumps up by about 15dB - cable is permanently connected tho and removing or replacing it normally doesnt generate band noise anywhere (took me an hour to check) So why when data cable is active should it generate noise. Have had a basic spectrum analyser test this and cant see any sproggies (in or out of band)on it or the oscilloscope - tried inline toroids etc but cant seem to cure - definitely blocks me for PSK31 or reduces chance of contacts. Audio lines are isolated by transformer so no earth loops there either. and switching lines are relay only.
>
>
> Help Please
>
> Mike
> GD6ICR
>

32200. Re: [FT897] Re: Band Noise and Cat interface

Yahoo group: FT897 (2010)
Date: 2010-12-31 16:10:07 UTC
From: Bret McDanel
Topic: 32197 Message: 32200

On Fri, 2010-12-31 at 16:01 +0000, ai4wu wrote:
>
> Hi Mike,
>
> You're not alone! HRD polls the radio every few hundred milliseconds,
> which is a lot of serial activity. Toroids on the USB and/or CAT cable
> can help, but may not kill it all. I've gotten rid of it on most
> bands, but Murphy's law says it will always be present wherever you're
> trying to work. :-)
>

the easiest way I have found is to properly ground the radio, then open
the top cover. At the back of the radio almost dead center is a jumper,
marked J27 on the board (J1027 on the schematics). Set it to TXGND
instead of the default TXREQ, the silkscreening tells you which position
is which. Close it back up. Most if not all the noise should just
vanish when using cables, at least it did for me.

--
Trixter aka Bret McDanel
website: http://www.0xdecafbad.com
pgp key: http://bit.ly/9XYK4b

32201. Re: Help with WinWarbler and PSK31 with FT-897D

Yahoo group: FT897 (2010)
Date: 2010-12-31 17:47:46 UTC
From: pascalpete
Topic: 32198 Message: 32201

Ah...found my own answer. The problem had nothing to do with the freq showing on the dial...and to answer my own question...no, the freq on the dial does not seem to need to change.

Peter Lee
K8ACS

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Greetings All,
>
> I was hoping someone who uses winwarbler for PSK31 could tell me something...
>
> I just got a SignaLink USB and began trying my hand at PSK31. Using WinWarbler, I am able to copy PSK31 QSO's rather nicely. What I cannot do is get anyone to hear me!
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> Here is my question: When I transmit using WinWarbler, should the frequency display on my radio change? I mean, it is set at the "base" of the spectrum display, but when I select a pane and begin transmitting, I see the radio click to transmit mode, but the frequency display remains on the base frequency for the display (I guess I was expecting it to quickly jump to the frequency where my particular input pane is set). I don't know if this is some sort of "split frequency" operation on the radio (I am still learning about the radio) or is just plain wrong!
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> Perhaps if someone who uses WinWarbler could tell me what THEIR freq display does when they transmit with WinWarbler with PSK31, it would help me get past this roadblock.
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> Thanks!
>
> Peter S. Lee
> K8ACS
>

32202. RE: [FT897] Re: Help with WinWarbler and PSK31 with FT-897D

Yahoo group: FT897 (2010)
Date: 2010-12-31 18:21:06 UTC
From: Dave AA6YQ
Topic: 32198 Message: 32202

>>>AA6YQ comments below

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of pascalpete
Sent: Friday, December 31, 2010 12:48 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Help with WinWarbler and PSK31 with FT-897D

Ah...found my own answer. The problem had nothing to do with the freq showing on the dial...and to answer my own question...no, the freq on the dial does not seem to need to change.

>>>I'm glad you got it sorted, Peter. Your transceiver frequency does not need to change because your transceiver's passband is roughly 3 khz wide; when using upper sideband with the suppressed carrier at 14070, WinWarbler can demodulate and generate PSK tones anywhere between 14070.5 and 14073.5.

>>>If you have any other questions or concerns, I'll be happy to give you a hand.

73,

Dave, AA6YQ (author, DXLab)

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Greetings All,
>
> I was hoping someone who uses winwarbler for PSK31 could tell me something...
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> I just got a SignaLink USB and began trying my hand at PSK31. Using WinWarbler, I am able to copy PSK31 QSO's rather nicely. What I cannot do is get anyone to hear me!
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> Perhaps if someone who uses WinWarbler could tell me what THEIR freq display does when they transmit with WinWarbler with PSK31, it would help me get past this roadblock.
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> Thanks!
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> Peter S. Lee
> K8ACS
>

32203. Re: FT897 AND HRD

Yahoo group: FT897 (2010)
Date: 2010-12-31 19:54:26 UTC
From: ai4wu
Topic: 32141 Message: 32203

Bryan,

I think the setup you're considering will work OK. I don't use my FT-897D for data modes any more, so I can't say for certain. The only caveat would be that there is no hardware PTT. My 746Pro requires a hardware PTT to use the rear data connector, but I think the FT897D will work OK with CAT PTT.

As for the differences between interfaces, opinions vary about like Ford vs Chevy. :-) Here's some of the basics.

1. Most interfaces provide transformer isolation of the audio paths which reduces the likelihood of ground loops and noise. The 897 is better about this than some radios, but you can never be too careful.

2. Most interfaces include a hardware PTT, which is required by some radios and software. Some even include a VOX circuit for PTT simplifying setup. BTW, with a hardware PTT, CAT control is not necessary at all for digital modes. Software like HRD use CAT to read radio frequency for the log entries, which is nice, but not required. All you really need is TX & RX audio paths and PTT.

3. Some interfaces include a good sound card separate from the computer's main sound card. This can mean a cleaner signal and more reliable decoding. It also leaves the main computer sound card available to make all the Windows sounds via a speaker and prevents them from going out over the air accidentally.

4. Some interfaces include front panel knobs to control TX and RX levels, which can be more convenient than software sliders.

5. Some interfaces provide mic/data switching while connecting the sound card via the radio's mic connector. This can be useful if you intend to play recorded audio over the air such as with a contest voice memory keyer. Some even provide switching between multiple radios.

Experimentation is half the fun of ham radio. I'd suggest starting simple, like you're doing, and work your way up to the more complicated solutions. I started by making up a cable just like the one you linked above. Then I added isolation transformers when I encountered hum on a different computer, and when I switched radios, I added PTT.

Have a Happy New Year!

73
Chuck
AI4WU

--- In FT897@yahoogroups.com, "iceberg iceberg" <iceberg@...> wrote:
>
> Ok, I had planed to just use the data port with a cable setup like this (http://www.xggcomms.com/page4.htm) that CAT + Audio interface.

> What is the difference between using something like that and and something like a signalink+ or rigblaster pro? I'm just wondering if I need to spend the money of an interface device of if I just need the cables and what exact benefits the interfaces offer over just cables. Also if it's better to go with an interface is there a comparison chart somewhere to help me decide which will be best for me based on how I want to use it?
>
>
> Thanks
> Bryan KB9YEN
>
>
> --- In FT897@yahoogroups.com, "ai4wu" <cwhite3424@> wrote:
> >
> > Bryan,
> >
> > The CT-62 or its generic equivalents connect the radio to remote control software like Ham Radio Deluxe. This does not provide an audio path for digital modes. In fact, remote control is not required for digital modes at all if you're willing to adjust the radio's frequency, mode, etc. manually.
> >
> > In order to work the digital sound card modes, you will need some interface between the radio and the computer's sound card. The interface provides a transmit audio path from the sound card speaker output to the radio's mic or data input, a receive audio path from the radio's speaker or data out to the sound card's mic or aux in, and some method for activating PTT. Some commercial interfaces have their own built-in sound cards while others provide isolation between your sound card and radio to prevent ground loops and a PTT function.
> >
> > Sound card interfaces can be home brewed or commercial, but you will require some type of interface besides the CT-62.
> >
> > 73
> > Chuck
> > AI4WU
> >
> >
> > --- In FT897@yahoogroups.com, "iceberg iceberg" <iceberg@> wrote:
> > >
> > >
> > >
> > > --- In FT897@yahoogroups.com, "BARRIE" <G4YJSBARRIE@> wrote:
> > > >
> > > > Please could anyone go thru the steps for getting HRD AND FT897 to work together please?.I have followed the stahndard procedure but I keep getting cannot connect to radio message,/Thanks and 73 Barrie g4yjs.
> > > >
> > >
> > > I to am curious about setting up HRD. I've not use any computer control before but I was considering it. My PC has a delta1010LT(24bit 96khz ASIO) sound card in it so if I am correct in my understanding I only need a CT-62 cable to complete the setup? My

understanding was that if you have a good sound car you don't need something like a rigblaster, but jus the CAT CT-62 cable, is that correct?
> > >
> > > I do have an LDG AT-897plus so I know if I want to use the tuner I am limited to using the cat at 4800.
> > >
> > > Bryan KB9YEN
> > >
> >
>